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SUPERIOR QUALITY and SERVICE
FOR 71 YEARS!

WHOLESALE
BULLETIN
NO. 2

APRIL 12, 1947

DORMANT STOCK
IN STORAGE
AVAILABLE FOR RUSH ORDERS
(Except Shade Trees)

PHONES 384—385



E.G. Welch PRESIDENT

Mount Arbor Nurseries
• SHENANDOAH IOWA •

One of America's Foremost Nurseries

HEIGHT AND CALIPER—Height given of fruit trees is approximate and represents average heights of most varieties. Some slow growing kinds may fall short of height specified as it is intended that THE CALIPER SHALL GOVERN.

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle.

	APPLE and CRAB	Per 10	Per 100	Per 1000		
First Class, 11-16 to $\frac{7}{8}$ inch, 4½ feet and up		\$6.50	\$60.00	\$550.00		
" " 9-16 to 11-16, 4 feet and up		5.50	50.00	450.00		
" " 7-16 to 9-16, 3 feet and up		4.00	35.00	300.00		
" " 5-16 to 7-16, 2 feet and up		2.50	22.00	200.00		
" " $\frac{7}{8}$ inch and up, 5 feet and up		7.50	70.00	—		
		11-16	9-16	7-16	5-16	7-8
Anoka	590	100			560	
Banana	60	250	350	250	—	80
Beacon	60	100	—	—	—	—
Ben Davis	190	150	90	30	20	—
Black Ben Davis	550	100	300	250	—	—
Cox Orange		—	—	280	—	—
Delicious Dark Red	1000	—	1000	400	—	—
Delicious Yellow	900	—	—	130	450	—
Duchess		100	—	—	—	—
Duchess Red		400	—	—	—	—
Early Strawberry		20	—	20	—	—
Grimes Golden	290	—	200	40	110	—
Haralson	550	500	300	500	—	—
Hyslop Crab	400	190	100	90	—	—
Joan	900	400	400	150	150	—
Jonathan	190	800	2000	500	—	—
Jonathan Dark Red	800	3900	2100	600	—	—
Maiden Bl sh	740	150	100	70	140	—
Malinda	190	160	130	35	15	—
Minjon, Minn. No. 700	760	220	150	150	50	—
Northern Spy		—	—	180	—	—
Northern Spy Red		400	100	300	—	—
N. W. Greening	490	200	130	80	—	—
Red Siberian Crab	500	260	—	50	80	—
Stayman Red	160	—	—	—	100	—
Tolman Sweet	500	200	50	150	—	—
Turley	100	—	—	40	90	—
Virginia Crab	1700	600	140	20	—	—
Wealthy		200	—	280	—	—
Whitney Crab	100	750	200	200	90	—
Winesap	200	250	—	—	—	—
Winesap Crimson	120	200	400	—	50	—
Yellow Transparent	1100	600	50	1190	—	—
York Imperial	60	30	—	70	—	—

	APPLE and CRAB	Per 10	Per 100	Per 1000		
First Class, 11-16 to $\frac{7}{8}$ -inch, 4½ feet and up		\$6.50	\$60.00	\$—		
" " 9-16 to 11-16, 4 feet and up		5.50	50.00	—		
" " 7-16 to 9-16, 3 feet and up		4.00	35.00	—		
" " 5-16 to 7-16, 2 feet and up		2.90	25.00	220.00		
" " $\frac{7}{8}$ inch and up, 5 feet and up		7.50	70.00	—		
		11-16	9-16	7-16	5-16	7-8
Dolgo Crab	50	—	30	100	—	—
Early Harvest	40	—	—	50	—	—
Fameuse	200	200	200	—	150	—
Fireside, Minn. No. 993	40	400	200	—	—	—

APPLE AND CRAB—Continued.

	11-16	9-16	7-16	5-16	7-8
Gravenstein Red	10	15	60	240	---
Hawkeye Greening	10	60	20	---	---
Hibernal			300	40	---
Kendall			10	10	---
Lodi		50	50	30	---
Macoun			25	80	---
McIntosh				90	---
McIntosh Black Mickey				50	---
McIntosh Early		60	10	80	10
Melba			100	20	---
Milton			10	70	10
Minnesota No. 714	100	---	50	30	---
Minnesota No. 790	60	---	---	---	---
Pattens Greening	200	100	30	---	---
Prairie Spy, Minn. No. 1007	30	140	200	70	30
Ramsdell Sweet	15	---	---	---	---
Red Astrachan		15	---	30	---
Red June	350	200	---	200	30
Rhoda	240	240	60	---	---
R. I. Greening				170	---
Secor	80	140	20	120	---
Sharon			15	50	---
Willow Twig Red	100	50	50	---	---

APPLE—WHIPS

	Per 10	Per 100	Per 1000
One Year, 5 to 6 feet, Whips	\$5.00	\$45.00	\$400.00
" " 4 to 5 feet "	4.50	40.00	350.00
" " 3 to 4 feet "	3.50	30.00	270.00
" " 2 to 3 feet "	2.50	22.00	200.00
" " 18 to 24 inches "	1.90	16.00	---
	5-6	4-5	3-4
Anoka		20	90
Banana	10	20	---
Delicious Yellow	1100	1400	600
Dolgo Crab			160
Duchess	100	260	---
Duchess Red	90	290	180
Fameuse		50	---
Grimes Golden		600	230
Hibernal	60	30	90
Jonathan Dark Red	50	1900	700
McIntosh Early		70	---
Northern Spy	45	50	---
Northern Spy Red		115	---
Rome Beauty Red			80
Virginia Crab	60	35	30
Wealthy	20	120	250
Whitney Crab		25	50
Winesap			30
Yellow Transparent	530	1980	700
			80
			200

APPLE—Dwarf

On Paradise

		Per 10	Per 100	Per 1000
		\$8.00	\$75.00	\$
Two Years, 1-2 to 5-8 inch				
" " 3-8 to 1-2 inch		6.50	60.00	
" " 2 to 3 feet		4.50	40.00	
		1-2	3-8	2-3
Almata, red fleshed			50	70 40
Delicious Dark Red				10 50
Fameuse				10
Jonathan Dark Red				20 50
McIntosh Early			30	15
Wealthy			20	20 30

CHERRIES—Sour—On Mahaleb

		Per 10	Per 100	Per 1000
Two years, 1 to 1½ inch, 5 feet and up		\$12.50	\$115.00	\$
		1 Inch		
Early Richmond				150
Royal Duke				100
		Per 10	Per 100	Per 1000
One year, 11-16 and up, 3½ feet and up		\$11.00	\$100.00	\$
		11-16		
Early Richmond				600

Sour Cherries are available in limited quantities and only in connection with orders for a general assortment of stock.

CHERRIES—Sweet

		Per 10	Per 100	Per 1000
One Year, 5-16 to 7-16 inches, 2½ feet and up, mostly whips		\$ 6.50	\$ 60.00	\$
		5-16		
Governor Wood				220
Schmidt's Big				130
Windsor				250

HANSEN'S BUSH CHERRY

			Per 10	Per 100	Per 1000
350	Improved besseyi, 2 to 3 feet, transplants		\$2.90	\$25.00	\$220.00
600	" " 18 to 24 inches, "		2.40	20.00	180.00
2000	" " 3 to 4 feet, 2 year seedlings, branched			18.00	160.00
2900	" " 2 to 3 feet, " " " " " "			14.00	120.00
1000	" " 18 to 24 ins., " " " " " "			10.00	85.00
700	" " 12 to 18 ins., " " " " " "			8.00	60.00

	PLUM	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4½ feet and up		\$10.00	\$ 90.00	\$ -----
" " 9-16 to 11-16, 4 feet and up		8.50	80.00	-----
" " 7-16 to 9-16, 3 feet and up		7.00	65.00	600.00
" " 5-16 to 7-16, 2 feet and up		5.00	45.00	400.00
" " 2 to 3 feet, under 5-16		4.00	35.00	-----

AMERICAN and HARDY HYBRIDS, One Year, on Native Roots and on Peach

	11-16	9-16	7-16	5-16	2-3
Ember			100	110	40
Golden Rod	30		580	600	300
Hanska			40	80	-----
Kahinta			100	-----	-----
La Crescent	200		160	120	-----
Monitor		20		50	40
Oka	50		300	-----	-----
Opata	150	30	80	-----	-----
Pipestone			480	100	70
Redcoat			200	350	170
Red Wing		40	-----	-----	-----
Sapa	450	160	120	60	-----
Superior			200	170	120
Toka			1120	1200	540
Tonka	10	50	150	200	-----
Underwood			150	50	80
Waneta					60

	PLUM	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4½ feet and up		\$10.00	\$ -----	\$ -----
" " 9-16 to 11-16, 4 feet and up		8.50	80.00	-----
" " 7-16 to 9-16, 3 feet and up		7.50	70.00	-----
" " 5-16 to 7-16, 2 feet and up		5.50	50.00	-----

EUROPEAN, Two Years, on Myrobalan, and One Year on Peach

	11-16	9-16	7-16	5-16
Green Gage			25	40
President			100	30
Reine Claude	90	30	200	30
Shrop Damson				100
Yellow Egg	50	200	500	200

JAPAN, One Year on Peach

		11-16	9-16	7-16	5-16	2-3
Burbank				50	90	-----
Santa Rosa	110				15	-----

	PEAR—Standard	Per 10	Per 100	Per 1000
One and Two Years, 11-16 and up, 4½ feet and up		\$11.00	\$100.00	\$ -----
" " " 9-16 to 11-16, 4 feet and up		9.00	85.00	800.00
" " " 7-16 to 9-16, 3 feet and up		7.50	70.00	650.00
" " " 5-16 to 7-16, 2 feet and up		5.50	50.00	450.00
" " " 7-8 inch and up, 5 feet and up		12.50	115.00	-----

	11-16	9-16	7-16	5-16	2-3
Bantam	120		120	-----	-----
Bartlett		400	900	-----	-----
B. de Anjou			100	70	30
Beurre Bosc			170	140	-----
Clapp's Favorite	40			90	40
Douglas				160	-----
Duchess	100			230	100
Flemish Beauty	40	200	360	390	30
Garber	200	300	80	60	40
Kieffer	100				100
Lincoln			40	25	15
*Mendel	400	120		80	-----
*Parker		600	200		100
Patten	110	150	100	130	-----
Seckel			300	500	50

* Write for special prices on quantity lots.

PEAR—Whips

			Per 10	Per 100	Per 1000
One Year, 4 to 5 feet,	Whips		\$ 7.00	\$ 65.00	\$600.00
" " 3 to 4 feet,	"		5.50	50.00	
" " 2 to 3 feet,	"		4.50	40.00	350.00
" " 18 to 24 inches,	"		3.50	30.00	250.00
		4-5	3-4	2-3	18-24
Bartlett		550	180	—	40
Beurre Bosc		70	110	200	30
Clapp's Favorite		70	85	10	
Duchess		150	160	—	
Flemish Beauty		80	300	—	
Kieffer		40	25	700	—
Lincoln		160	10	15	
Patten		30	30	—	
Seckel		40	—	—	25

PEAR—Dwarf

		Per 10	Per 100	Per 1000
Two Years, 5-8 inch and up		\$10.00	\$ 90.00	\$ —
" " 3-8 to 1-2 inch		7.50	70.00	5-8 3-8
Bartlett		—	—	50
Duchess		—	300	20
Seckel		—	—	20

PEACH

		Per 10	Per 100	Per 1000
One Year, 7-16 to 9-16, 3 feet and up		\$ 5.00	\$ 45.00	\$ —
" " 5-16 to 7-16, 2 feet and up		3.50	30.00	7-16 5-16
Belle of Georgia		—	—	300
Heath Cling		—	100	—
Rochester		—	—	360

APRICOTS

		Per 10	Per 100	Per 1000
One Year, 5-16 to 7-16, 2 feet and up		\$ 5.50	\$ 50.00	\$ —
" " 2-3 feet, under 5-16		4.50	40.00	5-16 2-3
Chinese		—	—	280
Iowa		—	260	—
Mandarin		—	160	110
Moorpark		—	250	—
Sing		—	70	20
Superb		—	170	170

APRICOT—Trees

	Per 10	Per 100	Per 1000
One Year, 5-16 to 7-16 inch, 2 feet and up	\$ 2.80	\$ 25.00	\$220.00
Chinese, Grown from seed	—	—	5-16 1890

NECTARINES

		Per 10	Per 100	Per 1000
One Year, 5-16 to 7-16 inch, 2 feet and up		\$ 5.50	\$ 50.00	\$ -----
Quetta				5-16 500

MULBERRY

		Per 10	Per 100	Per 1000
80 Russian, 3 to 4 feet, branched		\$ 2.40	\$ 20.00	\$ -----

SMALL FRUITS**GRAPE VINES—Western New York Grown**

Tied, 2 yr., 50; No. 2, 100 per bundle.

		Per 100	Per 1000
1000	Agawam (Roger's 15) , large red, 2 years, No. 1	\$18.00	\$150.00
2900	" " " " 2 years, No. 2	14.00	110.00
600	Beta , black, 2 years, No. 1	18.00	150.00
400	" " 2 years, No. 2	14.00	110.00
600	Caco , red, 2 years, No. 2	16.00	-----
14000	Concord , black, 2 years, No. 1	15.00	125.00
5000	" " 2 years, No. 2	10.00	85.00
6000	" " 1 year, No. 2	7.00	60.00
1000	Delaware , red, 2 years, No. 1	20.00	180.00
1000	" " 2 years, No. 2	15.00	130.00
4000	Fredonia , new, early, black, valuable, 2 years, No. 1	18.00	150.00
7900	" " " " 2 years, No. 2	14.00	110.00
3000	Moore's Early , black, 2 years, No. 1	20.00	160.00
1200	" " " 2 years, No. 2	14.00	120.00
2100	Niagara , white, 2 years, No. 1	20.00	160.00
900	" " 2 years No. 2	16.00	120.00
900	Sheridan , black, 2 years, No. 2	20.00	-----
600	Worden , black, 2 years, No. 1	18.00	150.00
1000	" " 2 years, No. 2	14.00	110.00

GOOSEBERRIES

Tied, No. 1, 25; No. 2, 50 per bundle.

		Per 100	Per 1000
150	Carrie , purplish-red, 2 years, No. 1	\$30.00	\$ -----
200	" " 2 years, No. 2	25.00	-----
2000	Champion , green, 2 years, No. 1	28.00	250.00
1700	" " 2 years, No. 2	22.00	200.00
1500	Downing , pale-green, 2 years, No. 2	25.00	220.00
600	Glendale , reddish-purple, 2 years, No. 1	30.00	280.00
500	" " " 2 years, No. 2	25.00	-----
1400	Houghton , dark red, 2 years, No. 1	28.00	250.00
1200	" " " 2 years, No. 2	22.00	200.00

CURRANTS

Tied, No. 1, 25; No. 2, 50 per bundle.

		Per 100	Per 1000
400	Perfection , bright red, 2 years, No. 1	\$21.00	\$180.00
500	" " " 2 years, No. 2	16.50	140.00
500	Red Lake , light red, 2 years, No. 1	22.50	200.00
300	" " " 2 years, No. 2	18.00	150.00
900	Wilder , dark red, 2 years, No. 2	14.00	110.00

RASPBERRIES

Tied 25 per bundle.

		Per 100	Per 1000
1000	Chief, red suckers, No. 1	\$ 6.00	\$ 55.00
5000	Cumberland, black, tips	5.00	45.00
5000	Indian Summer, red, everbearing, suckers, No. 1	6.50	60.00
4000	Latham, red, suckers, No. 1	6.00	55.00
4500	Logan, black, tips	5.00	45.00
2100	Morrison, black, tips	7.00	65.00

BLACKBERRIES—Root Cutting Plants, No. 1

Tied 25 per bundle.

		Per 100	Per 1000
1000	Eldorado	\$ 4.50	\$ 40.00

MISCELLANEOUS BERRIES

Tied 25 per bundle.

		Per 100	Per 1000
4500	Boysenberry, tip plants, No. 1	\$ 7.50	\$ 65.00
2500	Boysenberry, Thornless, tip plants, No. 1	9.00	80.00
12000	Lucretia Dewberries, R. C. plants, No. 1	4.50	40.00
9000	Youngberry, Tip plants, No. 1	6.00	50.00
2100	" " Thornless, tip plants, No. 1	8.00	70.00

MISCELLANEOUS

		Per 100	Per 1000
21000	Asparagus, Mary Washington, 2 year	\$ 2.10	\$ 18.00
18000	" " " 1 year	1.40	12.00
9000	" " " 3 year	3.50	30.00
15000	" Paradise, 2 year	2.40	20.00
14000	" " 1 year	1.90	16.00
5000	" " 3 year	4.00	35.00
2400	Horseradish, Cuttings	5.00	45.00
5000	" Crowns	8.00	70.00
3000	Rhubarb, Victoria, whole roots, $\frac{1}{2}$ to $\frac{5}{8}$ inch	3.50	30.00
9000	" " " $\frac{5}{8}$ to 1 inch	4.50	40.00
15000	" " " 1 to $1\frac{1}{2}$ inch	5.60	50.00
11000	" " " $1\frac{1}{2}$ to 2 inch	8.00	75.00
7500	" " " 2 inch and up, Clumps	10.00	90.00

		Per 10	Per 100
750	Rhubarb, Chipman's Red, grown from divisions	\$ 5.50	\$50.00
2200	Rhubarb, McDonald, grown from divisions	4.00	35.00

FRUIT TREE STOCKS

We specialize in growing and distributing Fruit Tree Stocks, maintaining our own plant in the State of Washington.

WESTERN GROWN—Our experience has demonstrated that due to favorable climatic conditions western seedlings are superior for planting. We are using all western grown Apple Seedlings for our grafting and for budding stocks. Also use the other varieties of western grown Fruit Tree Stocks for our own budding.

PRICES—Are for shipment from Shenandoah.

		Per 100	Per 1000
33000	No. 2, 2-16 to 3-16 Branched, strong	\$ 2.10	\$ 18.00
39000	No. 2, 2-16 to 3-16, Straight, strong	2.10	18.00
55000	No. 3, about 2-16	1.40	12.00

PEAR SEEDLINGS—Washington Grown**Bartlett**

19000	$\frac{1}{4}$ -inch and up, Branched, heavy	3.50	30.00
20000	No. 1, 3-16 to 1-4 inch, Branched	3.00	26.00
7100	No. 1, 3-16 to 1-4 inch, Straight	3.00	26.00
61000	No. 2, 2-16 to 3-16 inch, Branched	2.40	20.00
47000	No. 3, about 2-16 inch	1.70	14.00

PLUM MYROBOLAN—Western Grown

20000	$\frac{1}{4}$ -inch and up	3.20	28.00
10000	No. 1, 3-16 to $\frac{1}{4}$ -inch	2.90	25.00

DECIDUOUS TREE and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 in. and smaller, 100 per bundle.

		Per 100	Per 1000
ASH, GREEN, Fraxinus lanceolata			
7000 6 to 12 inches		\$ 1.20	\$ 10.00
ASH, WHITE, Fraxinus americana			
8000 6 to 12 inches		1.20	10.00
700 18 to 24 inches		2.50	
1000 2 to 3 feet		3.50	30.00
BOX ELDER, Acer negundo			
8000 6 to 12 inches		1.20	10.00
BUCKTHORN Frangula, Rhamnus Frangula			
800 9 to 12 inches		3.00	
CARAGANA arborescens, Siberian Pea-Tree			
3000 9 to 12 inches		2.10	18.00
CATALPA Speciosa, Western Catalpa			
3000 6 to 12 inches		.90	8.00
4000 12 to 18 inches		1.40	12.00
5000 18 to 24 inches		2.10	18.00
6000 2 to 3 feet		2.90	25.00
5000 3 to 4 feet		4.00	35.00
ELM, AMERICAN WHITE, Ulmus americana			
29000 6 to 12 inches		.80	7.00
30000 12 to 18 inches		1.40	12.00
2000 3 to 4 feet		3.70	32.00
3000 4 to 5 feet		5.50	50.00
2200 5 to 6 feet		12.00	100.00
1100 6 to 8 feet		18.00	150.00
ELM, CHINESE, Ulmus pumila			
We have a splendid lot of Chinese Elm seedlings in all grades, graded by height and caliper, making a strong grade. All seedlings for spring trade will be spring dug.			
22000 12 to 18 inches		1.50	12.50
35000 18 to 24 inches		2.10	18.00
16000 2 to 3 feet		2.90	25.00
5000 4 to 5 feet		7.00	60.00
2000 5 to 6 feet		12.00	100.00
2000 6 to 8 feet		18.00	150.00
HACKBERRY, Celtis occidentalis			
1000 6 to 12 inches		1.40	12.00
LOCUST HONEY, Gleditisa triacanthos			
7000 12 to 18 inches		1.40	12.00
4000 18 to 24 inches		2.10	18.00
6000 2 to 3 feet		2.90	25.00
3600 3 to 4 feet		4.50	40.00
900 4 to 5 feet		7.00	60.00

DECIDUOUS TREE and ORNAMENTAL SEEDLINGS—Continued.

			Per 100	Per 1000
LOCUST HONEY, Thornless, Gleditsia triacanthos inermis				
2900 12 to 18 inches			\$ 1.80	\$ 15.00
MULBERRY, Russian, Morus tatarica				
6000 6 to 12 inches			1.20	10.00
OSAGE ORANGE, Maclura pomifera				
12000 6 to 12 inches			.70	6.00
14000 12 to 18 inches			1.20	10.00
10000 18 to 24 inches			1.70	14.00
11000 2 to 3 feet			2.10	18.00
5000 3 to 4 feet			2.90	25.00
RUSSIAN OLIVE, Elaeagnus angustifolia				
3000 6 to 12 inches			2.10	18.00
2000 18 to 24 inches			4.50	40.00
5000 2 to 3 feet			6.50	60.00
2000 3 to 4 feet			10.00	85.00
WALNUT BLACK, Juglans nigra				
4500 18 to 24 inches			4.50	40.00
1500 2 to 3 feet			6.00	55.00
4500 3 to 4 feet			9.00	80.00

ONE YEAR FROM CUTTINGS

			Per 100	Per 1000
WILLOW, Salix				
100 Russian Golden (vitellina) 2 to 3 feet			\$ 3.70	\$ -----
2000 " " " 3 to 4 feet			4.50	40.00
1500 " " " 4 to 5 feet			5.50	50.00

DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

ARALIA, mandshurica, 18 to 20 feet

Similar to the spinosa variety but much hardier. Long leaves with large clusters of small white flowers in July-August. Has tropical appearance.

		Per 10	Per 100	Per 1000
150	12 to 18 inches	\$ 1.80	\$ 15.00	\$ -----
120	18 to 24 inches	2.50	22.00	-----
150	2 to 3 feet	3.50	30.00	-----

ASH, American White, Fraxinus alba

Tall growing, valuable tree for street and park planting.

150	5 to 6 feet	5.50	50.00	-----
190	6 to 8 feet	8.00	75.00	-----
350	8 to 10 feet	11.00	100.00	-----
140	1½ to 2 inches	18.00	165.00	-----

European, Fraxinus excelsior, 100 ft.

Tall growing with spreading habit; dark green foliage.

30	8 to 10 feet	14.00	-----	-----
60	1½ to 2 inches	22.00	-----	-----

Green, Fraxinus lanceolata, 50-60 ft.

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

150	4 to 5 feet	4.00	35.00	-----
220	5 to 6 feet	5.50	50.00	-----
400	6 to 8 feet	8.00	75.00	-----
300	8 to 10 feet	11.00	100.00	-----
450	1½ to 2 inches	18.00	165.00	-----
100	2 to 2½ inches	30.00	275.00	-----

Red, Fraxinus pennsylvanica, 50-60 ft.

Tall growing with spreading habit of growth.

240	6 to 8 feet	8.00	75.00	-----
350	8 to 10 feet	11.00	100.00	-----
100	1½ to 2 inches	18.00	165.00	-----

BIRCH, European White, Betula alba, 30-40 ft.

A hardy attractive tree with white bark.

50	1¼ to 1½ inches	17.50	-----	-----
60	1½ to 1¾ inches	22.50	-----	-----
20	1¾ to 2 inches	27.50	-----	-----
40	2 to 2½ inches	37.50	-----	-----

BOX ELDER, See Maple.

CATALPA, Western Catalpa, speciosa, 30-35 ft.

Well known hardy tree. White flowers, May-June.

20	5 to 6 feet, mostly whips	4.50	-----	-----
15	6 to 8 feet, " "	5.50	-----	-----
10	8 to 10 feet, " "	8.00	-----	-----

DECIDUOUS TREES—(Continued)

CRAB FLOWERING—SHRUB FORM

The following varieties are available in shrub or bush form. They are excellent plants for landscape planting.

		Per 10	Per 100	Per 1000
3 to 4 feet		\$ 6.50	\$ 60.00	\$ -----
4 to 5 feet		8.00	75.00	-----
5 to 6 feet		10.00	90.00	-----

	5-6'	4-5'	3-4'
Eleyi, Single pink with reddish foliage and red fruit	480	100	-----
Hopa, Red buds, pink flowers with red fruit	100	100	-----

CRAB, Flowering Hopa. 18 to 20 ft.

A beautiful, upright growing tree with attractive foliage. Entirely covered with crimson buds opening to rose colored flowers in April. Fruit red inside and out, hanging on until late Autumn. Very hardy and free from disease. Planted extensively.

	Per 10	Per 100	Per 1000
150 6 to 8 feet, Tree Form	\$10.00	\$ 85.00	\$ -----

ELM—American White, *Ulmus americana*. 60-100 ft.

The most popular American tree for street and general planting.

400 5 to 6 feet	5.00	45.00	-----
1400 6 to 8 feet	7.00	65.00	-----
2400 8 to 10 feet	10.00	90.00	-----
2000 1½ to 1¾ inches	12.00	110.00	-----
1700 1½ to 1¾ inches	19.00	175.00	-----
400 1¾ to 2 inches	25.00	225.00	-----
1100 2 to 2½ inches	33.00	300.00	-----
800 2½ to 3 inches	45.00	400.00	-----
1050 3 to 3½ inches	60.00	550.00	-----
300 3½ to 4 inches	80.00	700.00	-----
100 4 to 5 inches	85.00	-----	-----

Chinese, *Ulmus pumila*. 40-50 ft.

A hardy, rapid grower, slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

1400 4 to 5 feet	3.50	30.00	250.00
1600 5 to 6 feet	5.50	50.00	-----

English, *Ulmus procera (campestris)*. 75-100 ft.

Spreading branches forming a broad, round topped head.

40 6 to 8 feet	12.50	-----	-----
60 1¼ to 1½ inches	22.00	200.00	-----
100 1½ to 1¾ inches	27.50	250.00	-----
60 1¾ to 2 inches	32.50	-----	-----
60 2 to 2½ inches	40.00	-----	-----
50 2½ to 3 inches	50.00	-----	-----
30 3 to 3½ inches	60.00	-----	-----

Lake City, 70-90 ft.

Upright, closely branched type of American Elm, suitable for street and boulevard planting. Highly recommended.

50 6 to 8 feet	10.00	-----	-----
70 8 to 10 feet	12.50	-----	-----
70 1¼ to 1½ inches	16.00	-----	-----
30 1½ to 1¾ inches	22.50	-----	-----
25 2½ to 3 inches	50.00	-----	-----

DECIDUOUS TREES—(Continued)

ELM, *Ulmus*—(Continued)**Moline, *Ulmus molini*, 80-100 ft.**

A pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

		Per 10	Per 100	Per 1000
100	5 to 6 feet	\$ 7.00	\$ 65.00	\$ -----
500	6 to 8 feet	10.00	90.00	-----
700	8 to 10 feet	13.50	125.00	-----
350	1½ to 1¾ inches	17.50	160.00	-----
100	1½ to 1¾ inches	25.00	225.00	-----
40	2 to 2½ inches	40.00	-----	-----
60	2½ to 3 inches	50.00	-----	-----
80	3 to 3½ inches	65.00	600.00	-----
20	3½ to 4 inches	75.00	-----	-----

Vase, *Ulmus urni*, 80-100 ft.

An American Elm with vase formation of limbs. Uniform type, rapid grower. Distinct improvement.

50	8 to 10 feet	13.50	-----	-----
20	1½ to 1¾ inches	25.00	-----	-----
70	1¾ to 2 inches	30.00	-----	-----
100	2 to 2½ inches	37.50	350.00	-----
30	2½ to 3 inches	50.00	-----	-----

HACKBERRY, *Celtis occidentalis*, 50 ft.

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

100	6 to 8 feet	10.00	90.00	-----
370	8 to 10 feet	13.50	125.00	-----
600	1½ to 2 inches	22.00	200.00	-----
400	2 to 2½ inches	33.00	300.00	-----
250	2½ to 3 inches	44.00	400.00	-----
200	3 to 3½ inches	55.00	500.00	-----
60	3½ to 4 inches	70.00	-----	-----

HONEYLOCUST, *Gleditsia triacanthos*, 50-60 ft.

A thorny tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most any kind of soil. Not affected by borers or drought.

180	5 to 6 feet	6.50	60.00	-----
550	6 to 8 feet	10.00	90.00	-----
750	8 to 10 feet	13.50	125.00	-----
900	1½ to 2 inches	22.00	200.00	-----
300	2 to 2½ inches	33.00	300.00	-----
70	2½ to 3 inches	44.00	400.00	-----

Thornless, *Gleditsia triacanthos inermis*, 50-60 ft.

A variety of *Triacanthos* without thorns.

90	5 to 6 feet	8.00	75.00	-----
80	6 to 8 feet	12.00	110.00	-----
50	8 to 10 feet	16.50	150.00	-----
40	1½ to 2 inches	25.00	-----	-----

KENTUCKY COFFEE TREE, *Gymnocladus dioicus*, 50-70 ft.

Light blue green fern-like foliage. Very picturesque even in winter. White flowers, June.

50	6 to 8 feet	16.50	150.00	-----
40	8 to 10 feet	22.00	200.00	-----

LINDEN Pyramidal, Pyramidal American Linden, 60-70 ft.

A budded variety of American Linden with attractive and distinct pyramidal habit of growth.

30	1½ to 2 inches	25.00	-----	-----
20	2 to 2½ inches	32.50	-----	-----

DECIDUOUS TREES—Continued.

LINDEN—(Continued)***silvestris, Tilia silvestris, 70 ft.***A variety of *Tilia cordata* small leaf European Linden.

		Per 10	Per 100	Per 1000
50	2 to 2½ inches	\$40.00	\$350.00	\$
200	2½ to 3 inches	47.50	425.00	
100	3 to 3½ inches	57.50	525.00	

MAPLE, Box Elder, Acer negundo. 40-50 ft.

Hardy, rapid growing tree with bright green foliage.

50	8 to 10 feet	10.00		
150	1½ to 2 inches	16.50	150.00	
40	2 to 2½ inches	25.00		

Norway, Acer platanoides. 50-60 ft.

Hardy, popular tree. Fine for park and street planting. Spreading habit.

150	8 to 10 feet, branched	19.00	175.00	
100	1¼ to 1½ inches	25.00	225.00	
400	1½ to 1¾ inches	32.50	300.00	
100	1¾ to 2 inches	37.50	350.00	
80	2 to 2½ inches	50.00	450.00	
80	2½ to 3 inches	60.00	550.00	

Silver, Acer saccharinum (dasycarpum) 60-80 ft.

Well known, rapid growing tree. Leaves silver underneath.

550	4 to 5 feet	3.50	30.00	
350	5 to 6 feet	5.00	45.00	
450	6 to 8 feet	7.00	65.00	
100	1½ to 2 inches	16.50	150.00	

Sugar, Acer saccharum. 50-75 ft.

Splendid hardy ornamental tree. Foliage turning bright orange, sometimes scarlet in autumn.

100	1¼ to 1½ inches	30.00	260.00	
90	1½ to 1¾ inches	37.50	325.00	

MOUNTAIN ASH, European, Sorbus aucuparia. 20-40 ft.

A valuable ornamental tree with scarlet berries. August-September.

90	2 to 2½ inches	37.50	325.00	
150	2½ to 3 inches	45.00	400.00	
50	3 to 3½ inches	55.00		

OAK, BLACK, Quercus velutina. 75-80 ft.

Deep green foliage turning yellow or reddish-brown in autumn.

50	6 to 8 feet	16.50		
50	8 to 10 feet	22.00		
100	1½ to 2 inches	27.50	250.00	
60	2 to 2½ inches	40.00		

Bur, Mossycup, Quercus macrocarpa. 75-80 ft.

Strong growing oak, picturesque appearance due to its corky branches.

110	4 to 5 feet	8.00	75.00	
300	5 to 6 feet	11.00	100.00	
250	6 to 8 feet	16.50	150.00	
150	8 to 10 feet	22.00	200.00	
160	1½ to 2 inches	32.50	300.00	
90	2 to 2½ inches	45.00	400.00	

DECIDUOUS TREES—Continued.**OAK—Continued.****English, Quercus robur. 60-80 ft.**

A long-lived Oak with stout branches, forming a broad round-topped head.

		Per 10	Per 100	Per 1000
15	1½ to 2 inches	\$30.00	\$-----	\$-----
20	2 to 2½ inches	40.00	-----	-----
20	2½ to 3 inches	60.00	-----	-----

Laurel, Quercus laurifolia. 60-80 ft.

An attractive Oak with slender branches forming a dense round topped head, and with handsome glossy foliage.

30	6 to 8 feet	16.50	-----	-----
90	8 to 10 feet	22.00	200.00	-----
400	1½ to 2 inches	32.50	300.00	-----
200	2 to 2½ inches	45.00	400.00	-----
40	2½ to 3 inches	60.00	-----	-----

Pin, Quercus palustris. 70-80 ft.

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.

1650	1½ to 2 inches	35.00	300.00	-----
1800	2 to 2½ inches	45.00	400.00	-----
780	2½ to 3 inches	55.00	500.00	-----
450	3 to 3½ inches	65.00	600.00	-----
90	3½ to 4 inches	80.00	-----	-----

Red, Quercus rubra. 60-80 ft.

An excellent tree for park and street planting. Beautiful foliage turning red in autumn.

200	8 to 10 feet, 1¼ to 1½ inches	25.00	225.00	-----
300	1½ to 2 inches	40.00	350.00	-----
350	2 to 2½ inches	50.00	450.00	-----
300	2½ to 3 inches	60.00	550.00	-----
140	3 to 3½ inches	70.00	650.00	-----

Scarlet, Quercus coccinea. 75-90 ft.

Most striking Autumn colors; tall stately grower, deeply cut leaves.

150	8 to 10 feet, 1¼ to 1½ inches	25.00	225.00	-----
70	2 to 2½ inches	50.00	-----	-----
30	2½ to 3 inches	60.00	-----	-----

White, Quercus alba. 60-80 ft.

A rugged Oak of slow growth making a large, magnificent tree.

80	5 to 6 feet	13.00	120.00	-----
250	6 to 8 feet	18.00	165.00	-----
750	8 to 10 feet	25.00	225.00	-----
800	1½ to 2 inches	40.00	350.00	-----
300	2 to 2½ inches	50.00	450.00	-----
200	2½ to 3 inches	60.00	550.00	-----
100	3 to 3½ inches	70.00	650.00	-----

POPLAR, Lombardy, nigra italica. 60-80 ft.

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

250	8 to 10 feet, low branched	5.50	50.00	-----
560	1¼ to 1½ inches, low branched	7.00	65.00	-----
1000	1½ to 2 inches, "	10.00	90.00	-----
400	2 to 2½ inches, "	14.00	125.00	-----

DECIDUOUS TREES—Continued.

PRUNUS, Ornamental Plum**Cistena, Hansen's Purple Leaved Plum. 5-6 ft.**

A dwarf variety with rich purple red foliage. Bush form.

			Per 10	Per 100	Per 1000
100	12 to 18 inches			\$ 4.00	\$ 35.00
120	18 to 24 inches			5.50	50.00

Hansen Bush Cherry. 6-7 ft.

An improved Prunus besseyi; very productive and extremely hardy.

600	18 to 24 inches, transplants, branched		2.40	20.00	180.00
350	2 to 3 feet, " "		2.90	25.00	220.00

Newport, Purple Leaved (Bush form). 15-20 ft.

Hardy upright grower. Foliage reddish purple with bright red tips.

100	12 to 18 inches		4.00	35.00	
50	2 to 3 feet		6.50	60.00	

Persica, Red Flowering Peach. 15-20 ft.

An early blooming, double flowering peach.

140	18 to 24 inches		3.50	30.00	
150	2 to 3 feet		4.50	40.00	

Triloba, Flowering Plum. 8-10 ft.

A handsome, hardy, vigorous, large shrub or small tree with double pink flowers in April-May. Will succeed over a wide territory. Bush form.

300	12 to 18 inches, on peach		4.00	35.00	
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PTELEA trifoliata, Common Hoptree (Wafer Ash). 10-12 ft.

Has clusters of seed pods that look and smell like hops.

100	6 to 8 feet		11.00	100.00	
100	8 to 10 feet		16.50	150.00	

THORN, Crataegus, Arnoldiana, Arnold's Thorn. 18-20 ft.

An open-headed tree having white flowers in May and bright crimson fruit in August.

30	3 to 4 feet		12.50		
30	4 to 5 feet		17.50		

Coccinea, Thicket Hawthorn. 20-25 ft.

Bushy tree, white flowers, dull red fruit.

90	3 to 4 feet		12.50		
40	4 to 5 feet		17.50		
50	5 to 6 feet		22.50		

Cordata, Washington Hawthorn. 20-25 ft.

Bright red fruit, brilliant autumn foliage.

200	3 to 4 feet		12.50	115.00	
100	4 to 5 feet		17.50	160.00	

Crusgalli, Cockspur Thorn. 15-18 ft.

Deep green shiny leaved distinctive Hawthorn. Conspicuous white flowers, red fruit, long thorns.

150	3 to 4 feet		12.50	115.00	
80	4 to 5 feet		17.50	160.00	

Mollis, Downy Hawthorn. 15 ft.

Vigorous spreading growth. Large leaves, attractive red fruit.

150	3 to 4 feet		8.00	75.00	
100	4 to 5 feet		12.00	110.00	
200	5 to 6 feet		16.50	150.00	
200	6 to 8 feet		28.00	250.00	

DECIDUOUS TREES—Continued.**THORN—(Continued)****Punctata, Dotted Hawthorn. 25-30 ft.**

			Per 10	Per 100	Per 1000
40	3 to 4 feet		\$12.00	\$-----	\$-----
100	4 to 5 feet		17.50	160.00	-----
90	5 to 6 feet		22.50	200.00	-----
140	6 to 8 feet		27.50	250.00	-----

WALNUT, Thomas Black. (1 year grafted) 50-60 ft.

A grafted variety of Black Walnut that produces very large nuts with larger kernels, better flavor, and much easier to get out. Bears very young, and after a few years will produce big crops.

100	2 to 3 feet		13.50	125.00	-----
50	3 to 4 feet		16.50	150.00	-----

WILLOW, Salix**Babylonica, Babylon Weeping Willow. 40-50 ft.**

Rapid grower with long pendulous branches. Not hardy in this latitude.

100	4 to 5 feet		4.00	35.00	-----
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Laurel leaved, Salix pentandra. 30-40 ft.

Hardy, upright grower with large, dark green leaves.

70	4 to 5 feet		4.00	35.00	-----
100	5 to 6 feet		6.50	60.00	-----

Niobe Weeping. 30-35 ft.

An exceptionally strong, hardy, graceful tree. Splendid pendulous habit. Very attractive golden bark. Light green flowers in April.

400	6 to 8 feet		10.00	90.00	-----
900	8 to 10 feet		12.00	110.00	100.00
50	1½ to 1½ inches		15.00	-----	-----

Pussy, Salix discolor. 20-25 ft.

Popular willow on account of catkins in March-April before leaves.

500	12 to 18 inches		1.80	15.00	-----
300	18 to 24 inches		2.50	22.00	-----

Russian Golden, Salix vitellina aurea. 25-30 ft.

Medium spreading growth. Golden yellow bark. Very hardy.

70	4 to 5 feet		3.50	30.00	-----
300	5 to 6 feet		5.50	50.00	-----
200	6 to 8 feet		8.00	75.00	-----

Wisconsin Weeping, Salix blanda. 40-50 ft.

Spreading limbs and pendulous branches. Dark green leaves. Hardy.

250	4 to 5 feet		4.00	35.00	-----
200	5 to 6 feet		6.50	60.00	-----
200	6 to 8 feet		9.00	85.00	-----
150	8 to 10 feet		12.00	110.00	-----

ORNAMENTAL SHRUBS

Our shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land, with plenty of room to develop well finished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

ACANTHOPanax sieboldianus (pentaphyllum), Five leaf Aralia. 10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

		Per 10	Per 100	Per 1000
170	12 to 18 inches	\$ 1.90	\$ 16.00	\$ -----
1100	18 to 24 inches	2.50	22.00	200.00
1000	2 to 3 feet	3.50	30.00	270.00
240	3 to 4 feet	4.50	40.00	-----

ALTHEA, Hibiscus syriacus. 10-12 ft.

Upright shrub, blooming August and September. Colors, pink, purple, red and white.

12 to 18 inches	1.80	15.00	-----
18 to 24 inches	2.40	20.00	-----
2 to 3 feet	3.20	28.00	-----
3 to 4 feet	4.00	35.00	-----

d—Double	s—Single	3-4'	2-3'	18-24"	12-18"
Amplissima, d lilac pink		150	80	-----	-----
Anemonaeflorus, d pink		180	100	150	50
Ardens, d purple		150	-----	-----	-----
Boule de Feu, d red		100	150	100	-----
Lucy, d red		50	-----	90	-----
Purple, semi-double		20	50	60	60
Rubis, s red		300	300	-----	-----

ARONIA melanocarpa, Black Chokeberry. 6-8 ft.

Attractive white flowers, smooth foliage, with black shiny fruit in Autumn.

		Per 10	Per 100	Per 1000
130	12 to 18 inches	\$ 2.10	\$ 18.00	\$ -----
160	18 to 24 inches	2.90	25.00	-----
70	2 to 3 feet	4.00	35.00	-----

BARBERRY, Berberis

thunbergi, Common Barberry. 4-5 ft.

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.

1500	9 to 12 inches	1.40	12.00	-----
6400	12 to 15 inches	2.10	18.00	150.00
6700	15 to 18 inches	2.50	22.00	200.00
1400	18 to 24 inches	3.20	28.00	250.00
1200	2 to 2½ feet	3.80	35.00	-----
140	2½ to 3 feet	4.50	40.00	-----

See Hedging for Seedlings and smaller grades.

Red Leaved, Berberis atropurpurea. 3-6 ft.

Variety of Japanese Barberry with bright red foliage.

790	9 to 12 inches	2.40	20.00	-----
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TRUEHEDGE COLUMNBERRY

Var. Berberis Thunbergi, erecta

Plant Patent No. 110

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes. For resale at retail only at prices specified herein.

Wholesale Prices Net

Per 10 Per 100 Per 1000

580	18 to 24 inches	\$ 5.00	\$ 45.00	\$ 400.00
350	2 to 2½ feet	6.50	55.00	500.00

Retail Resale Prices

Each Per 5 Per 25 Per 100

\$ 1.00	\$ 4.00	\$ 17.50	\$ 65.00
1.20	5.00	22.50	85.00

ORNAMENTAL SHRUBS—Continued**BUCKTHORN, Rhamus cathartica, Common Buckthorn. 10-12 ft.**

Very hardy, dark green leaves, black berries. Valuable for hedging in the north.

		Per 10	Per 100	Per 1000
150	12 to 18 inches	\$ 1.20	\$ 10.00	\$ -----
300	18 to 24 inches	1.80	15.00	-----
200	2 to 3 feet	2.40	20.00	-----

frangula, Glossy Buckthorn. 10-12 ft.

Upright, hardy shrub, used for hedging. Berries red changing to black.

80	18 to 24 inches	2.40	20.00	-----
30	2 to 3 feet	3.50	-----	-----

Korean. 8-10 ft.

A hardy, vigorous grower with large dark green leaves. Foliage very attractive; produces an abundance of black fruit.

100	18 to 24 inches	2.40	20.00	-----
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BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.**Charming**

Long sprays covered with lavender-pink blooms which compared to other varieties, are distinctly pink. Has exceptional value for house decoration.

900	Medium	2.50	22.00	-----
600	No. 1	3.20	28.00	-----

Concord

A new dark red Buddleia with blood-red eye shading lighter to edge of petals. Strong spikes.

100	Medium	2.50	22.00	-----
400	No. 1	3.20	28.00	-----

Dubonnet

A new, dark wine, dubonnet colored Buddleia with firm, large, spikes and individual flowers of good size that do not sunburn.

1600	Medium	2.40	20.00	180.00
500	No. 1	2.80	25.00	220.00

Fortune (Plant Patent No. 206). 4-6 ft.

Flowers of pure lilac with a brilliant orange eye; large, fully round sprays of 2 ft. in length. Desirable for cut flowers. Foliage deep leathery, dark green. Prolific bloomer. (Retails at 75¢ each, \$6.00 per doz.)

100	No. 1	3.50	25.00	-----
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Orchid Beauty

An orchid pink with brilliant, orange eye and flower heads up to 24 inches in length, broad at base. Excellent as a cut flower. New.

300	Medium	2.50	22.00	-----
750	No. 1	3.20	28.00	-----

WHITE BOUQUET

(Patent No. 536)

A new white Buddleia carrying 8" spikes of fully rounded-out blooms. Splendid for cut flower purposes. (Retails at 75¢ each, \$7.50 per doz.)

	Per 10	Per 100	Per 1000
250 No. 1	\$4.00	\$35.00	\$300.00

ROYAL RED

(Patent No. 556)

A new variety of merit, producing from July until frost an abundance of large, fully round sprays of 2 ft. in length; color rich dark royal purple, intensified to almost red when displayed under artificial light. Plant attains 4-6 ft. height, and foliage is deep leathery green.

	Per 10	Per 100	Per 1000
1000 Medium, dormant plants, field grown	\$2.90	\$25.00	\$ -----

(Retails 75¢ each, \$7.50 per doz.)

ORNAMENTAL SHRUBS—Continued

CHAENOMELES, See Cydonia**CORNUS, Dogwood****alba sibirica, Siberian Dogwood. 10-12 ft.**

Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.

			Per 10	Per 100	Per 1000
500	12 to 18 inches		\$ 1.80	\$ 16.00	\$140.00
600	18 to 24 inches		2.50	22.00	-----

Goldentwig, stolonifera flavidroma. 8-10 ft.

Distinct yellow bark, has fine winter effect.

100	18 to 24 inches		2.50	22.00	-----
70	2 to 3 feet		3.50	30.00	-----

racemosa (paniculata) Gray Dogwood. 12-15 ft.

White flowers in May followed by white fruit.

70	18 to 24 inches		2.50	22.00	-----
150	2 to 3 feet		3.50	30.00	-----
100	3 to 4 feet		4.50	40.00	-----
180	4 to 5 feet		5.50	50.00	-----

stolonifera, Red Osier Dogwood. 10 ft.

Dark, wine-colored branches. White flowers in May-June followed with white berries.

400	12 to 18 inches		1.80	16.00	140.00
900	18 to 24 inches		2.50	22.00	200.00
1000	2 to 3 feet		3.20	28.00	250.00
800	3 to 4 feet		4.00	35.00	300.00

COTONEASTER, divaricata, Spreading Cotoneaster. 5-6 ft.

Handsome shrub bearing pink flowers and red berries. Foliage nearly evergreen.

100	18 to 24 inches		4.50	40.00	-----
300	2 to 3 feet		6.50	60.00	-----
200	3 to 4 feet		8.50	80.00	-----
150	4 to 5 feet		11.00	100.00	-----

CYDONIA japonica (Chaenomeles). Flowering Quince. 5-6 ft.

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.

300	12 to 18 inches		1.90	16.00	-----
300	18 to 24 inches		2.50	22.00	-----
1000	2 to 3 feet		3.20	28.00	250.00
2200	3 to 4 feet		3.80	33.00	300.00

Pink Princess, japonica rosea, pink flowering quince, 5-6 ft.

Pink flowering variety. Grown from cuttings.

40	9 to 12 inches		1.70	14.00	-----
80	12 to 18 inches		2.40	20.00	-----

DEUTZIA, Pride of Rochester. 10-12 ft.

Strong grower, free bloomer, double white flowers tinged pink.

250	12 to 18 inches		1.90	16.00	-----
1200	18 to 24 inches		2.50	22.00	200.00
200	2 to 3 feet		3.50	30.00	-----

ELAEAGNUS angustifolia, Russian Olive. 20-25 ft.

Attractive silver gray leaves, white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.

1600	18 to 24 inches		2.50	22.00	200.00
1500	2 to 3 feet		3.50	30.00	250.00
1700	3 to 4 feet		4.50	40.00	350.00

ORNAMENTAL SHRUBS—Continued.

ELDER American, Sambucus canadensis. 8-10 ft.

Hardy, native shrub with white fragrant flowers, June-July, followed by black berries.

			Per 10	Per 100	Per 1000
300	12 to 18 inches		\$ 1.90	\$ 16.00	\$ -----
300	18 to 24 inches		2.50	22.00	-----
250	2 to 3 feet		3.50	30.00	-----

EUONYMUS atropurpureus, Eastern Wahoo. 12-15 ft.

Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.

100	12 to 18 inches		1.90	16.00	-----
100	2 to 3 feet		3.50	30.00	270.00

European, europeaus. 12-15 ft.

Dark green foliage with yellow and scarlet fruit in Autumn.

200	2 to 3 feet		3.50	30.00	-----
500	3 to 4 feet		4.50	40.00	-----
90	4 to 5 feet		5.50	50.00	-----

yedoensis, Yeddo Euonymus. 12-15 ft.

Large shrub with masses of pink and orange four lobed fruit.

100	18 to 24 inches		2.50	22.00	-----
300	2 to 3 feet		3.50	30.00	-----
70	3 to 4 feet		4.50	40.00	-----

FORSYTHIA, intermedia, Border Forsythia. 8-10 ft.

Vigorous, spreading, bright yellow flowers early in April.

400	12 to 18 inches		1.90	16.00	-----
1250	18 to 24 inches		2.90	25.00	220.00

intermedia spectabilis, Showy Border Forsythia. 8-10 ft.

Improved form of Intermedia. Rich golden yellow flowers.

750	12 to 18 inches		1.90	16.00	140.00
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suspensa, Weeping Forsythia. 6-8 ft.

Slender pendulous branches. Golden yellow flowers in April.

250	12 to 18 inches		1.90	16.00	-----
200	18 to 24 inches		2.90	25.00	-----
20	3 to 4 feet		5.00	-----	-----

HAMAMELIS, virginiana, Witchhazel. 12-15 ft.

Succeeds in moist places with partial shade. Yellow flowers late autumn.

100	18 to 24 inches		3.20	28.00	-----
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HONEYSUCKLE, Lonicera**bella albida, White Belle Honeysuckle. 10-12 ft.**

Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.

600	18 to 24 inches		2.50	22.00	200.00
700	2 to 3 feet		3.50	30.00	270.00
200	3 to 4 feet		4.50	40.00	-----
400	4 to 5 feet		5.00	45.00	-----

grandiflora rosea, Bride. 12-15 ft.

Flowers bright pink, April-May. One of the best pink upright honeysuckles, Hardy, strong, upright grower.

1000	18 to 24 inches		2.50	22.00	200.00
200	2 to 3 feet		3.50	30.00	270.00

Morrow Honeysuckle, morrowi. 7-8 ft.

Spreading habit, attractive foliage. White flowers, May-June. Red berries.

50	18 to 24 inches		2.90	25.00	-----
50	4 to 5 feet		5.00	45.00	-----

ORNAMENTAL SHRUBS—Continued.

HONEYSUCKLE—(Continued)

Pink Tatarian, *tatarica rosea*. 10-12 ft.

Hardy, vigorous grower. Pink flowers. April-May, red fruit.

			Per 10	Per 100	Per 1000
2200	18 to 24 inches		\$ 2.50	\$ 22.00	\$ 200.00
1100	2 to 3 feet		3.50	30.00	270.00

Red Tatarian, *tatarica rubra*. 8-10 ft.

Very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.

4400	18 to 24 inches		2.50	22.00	200.00
500	2 to 3 feet		3.50	30.00	270.00

HONEYSUCKLE (Also see Hedging)

ILEX *verticillata*, Winterberry. 6-8 ft.

Bright red berries which remain until midwinter.

100	9 to 12 inches		1.90	16.00	
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LILAC, *Syringa*. 12-15 ft.

French Lilacs, Named Varieties.

Valuable, hardy hybrids. Popular on account of attractive flowers of various colors and foliage. Height to fifteen feet according to variety and soil.

12 to 18 inches		3.50	30.00	
18 to 24 inches		5.00	45.00	
2 to 3 feet		6.00	55.00	
3 to 4 feet		8.00	75.00	

d—Double s—Single 3/4' 2/3' 18/24" 12/18"

Alphonse Lavalle, d lilac					120
Chas. X, s reddish purple					160
Gen. Pershing, d light blue		60		40	
Gloria de Maulins, s pink			20		50
Pres. Lincoln, s blue					250

Common Purple, *vulgaris*. 12-18 ft.

Hardy, popular shrub. Blooms freely. Purplish, single lilac flowers in large panicles. April-May.

130	9 to 12 inches		\$ 1.40	\$ 12.00	\$ -----
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Chinese, *rothomagensis*. 8-10 ft.

Generally grown and sold for Persian lilac. Upright, vigorous grower, reddish purple flowers, April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

		Per 10	Per 100	Per 1000
150	18 to 24 inches	\$ 3.20	\$ 28.00	\$ -----
200	2 to 3 feet	4.00	35.00	
200	3 to 4 feet	5.00	45.00	

josikaea, Hungarian Lilac. 8-10 ft.

Upright grower, attractive dark green foliage, dark violet flowers.

		Per 10	Per 100	Per 1000
80	12 to 18 inches	\$ 2.60	\$ 22.00	\$ -----
80	18 to 24 inches	3.50	30.00	

Persian Purple, *persica*. 8-10 ft.

Spreading habit. Slender arching branches with small leaves. Pale lilac flowers, poor quality. April-May. Rothomangensis superior.

150	2 to 3 feet	4.00	35.00	
100	3 to 4 feet	5.00	45.00	

ORNAMENTAL SHRUBS—Continued**LILAC, Syringa—Continued.*****rubra de marley, vulgaris variety. 10-12 ft.***

An improved strain of *vulgaris* lilac, often classed as a hybrid variety, producing a mass of single, rich, reddish purple flowers. Hardy and vigorous grower.

		Per 10	Per 100	Per 1000
70	12 to 18 inches	\$ 2.50	\$ 22.00	\$ -----
70	18 to 24 inches	3.20	28.00	-----

villosa, Late Lilac. 8-10 ft.

Bushy, compact grower. Large, attractive leaves, pale pink flowers.

90	9 to 12 inches	1.90	16.00	-----
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PHILADELPHUS, Mockorange***coronarius, Sweet Mockorange. 8-10 ft.***

A popular well known, hardy shrub. White, fragrant flowers in May-June.

1100	12 to 18 inches	1.90	16.00	\$ 140.00
200	18 to 24 inches	2.50	22.00	-----
500	2 to 3 feet	3.50	30.00	-----

lemoinei, Lemoine Mockorange. 4-5 ft.

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

150	12 to 18 inches	2.10	18.00	-----
1000	18 to 24 inches	3.20	28.00	\$ 250.00

Virginal. 7-8 ft.

Medium grower. Loads down with beautiful fragrant semi-double flowers over a long season, beginning in May.

200	12 to 18 inches	3.20	28.00	-----
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PHILADELPHUS MINNESOTA SNOWFLAKE, Patent No. 538. 6-8ft.

A valuable ornamental recently introduced. Hardy seedling of Virginal. Carries an abundance of green foliage throughout the season, even on the lower branches, and produces a mass of very double fragrant white flowers in June-July.

		Per 10	Per 100	Per 1000
200	18 to 24 inches	\$ 5.00	\$ 45.00	\$ -----

Retails \$1.25 each

PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.

Very hardy. White flowers in May-June, followed by attractive brownish-red pods..

		Per 10	Per 100	Per 1000
50	18 to 24 inches	\$ 2.50	\$ 22.00	\$ -----
300	2 to 3 feet	3.50	30.00	-----
200	3 to 4 feet	4.50	40.00	-----

Goldleaf Ninebark, *opulifolius luteus (aureus)*. 8-10 ft.

Golden leaved variety producing white flowers in May-June.

430	12 to 18 inches	1.90	16.00	-----
70	18 to 24 inches	2.50	22.00	-----

opulifolius nana, Dwarf Ninebark. 4-5 ft.

Dwarf form, dense grower. Very attractive foliage and flowers. May-June, followed by numerous small red pods. A valuable, hardy, low growing shrub.

50	12 to 18 inches	1.90	16.00	-----
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ORNAMENTAL SHRUBS—Continued

PRIVET—*Ligustrum****Amoor North, amurensis. 12-15 ft.***

			Per 10	Per 100	Per 1000
16000	9 to 12 inches, branched		\$. . .	\$ 4.50	\$ 40.00
15000	12 to 18 inches, 3 canes			7.00	60.00
8000	18 to 24 inches, 2 canes			7.00	60.00

California, ovalifolium. 12-15 ft.

An attractive, popular hedge plant where hardy.

3000	12 to 18 inches, 3 canes and up			5.60	50.00
2000	18 to 24 inches, 3 canes and up			7.50	65.00
5000	2 to 3 feet, 2 and 3 canes			7.50	65.00

Ibolium, Hardy California. 8-10 ft.

Upright, vigorous, with foliage similar to California but much hardier.

2000	12 to 18 inches, 3 canes and up			7.00	60.00
1000	2 to 3 feet, 2 and 3 canes			8.50	75.00

Ibota

Spreading habit. Blooms freely June-July. Attractive black berries.

2400	12 to 18 inches, 3 canes and up			7.00	60.00
3500	18 to 24 inches, 3 canes and up			9.00	80.00
700	2 to 3 feet, 4 canes and up			14.00	—

Regel, regelianum. 6-8 ft.

Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.

400	12 to 18 inches			15.00	120.00
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PRUNUS, Ornamental Plums. (See Deciduous Trees.)**RHUS canadensis, Fragrant Sumac. (aromatica). 5-6 ft.**

Aromatic shrub. Small yellowish flowers, April-May followed by red berries.

			Per 10	Per 100	Per 1000
200	12 to 18 inches		\$ 2.40	\$ 20.00	\$ —
750	18 to 24 inches		2.90	25.00	220.00
580	2 to 3 feet		3.50	30.00	270.00
140	3 to 4 feet		4.50	40.00	—
170	4 to 5 feet		5.00	45.00	—

typhina laciniata, Cutleaf Staghorn Sumac. 20-25 ft.

Rapid grower, attractive, long feathery leaves finely cut.

400	12 to 18 inches		1.90	16.00	—
100	18 to 24 inches		2.50	22.00	—

SALIX purpurea, dwarf blue-leaf arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.

150	2 to 2½ feet		3.50	32.00	—
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Pussy, Salix discolor. 20-25 ft.

Popular willow on account of catkins in March-April before leaves.

450	12 to 18 inches		1.90	16.00	—
200	18 to 24 inches		2.50	22.00	—

SPIREA Billiard Spirea, billardi. 5-6 ft.

Bright pink flowers in spikes, July-September.

100	12 to 18 inches		1.90	16.00	—
200	18 to 24 inches		2.60	22.00	—
200	2 to 3 feet		3.50	30.00	—
500	3 to 4 feet		4.40	40.00	350.00

Japanese White, japonica ovalifolia (callosa alba). 3 ft.

Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.

600	9 to 12 inches		1.90	16.00	—
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opulifolius, Ninebark. (See Physocarpus.)

ORNAMENTAL SHRUBS—(Continued)

SPIREA—(Continued)

Vanhoutte, Spirea van houttei. 8-10 ft.

Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

		Per 10	Per 100	Per 1000
7500	12 to 18 inches	\$ 1.70	\$ 14.00	\$ 120.00
6500	18 to 24 inches	2.10	18.00	160.00
8000	2 to 3 feet	2.90	25.00	220.00
500	3 to 4 feet	4.00	35.00	-----

*SYMPHORICARPOS, Snowberry**chenaulti, Improved Coral Berry. 6-8 ft.*

New, very small leaves; graceful arching branches; pink flowers, red fruit.

100	12 to 18 inches	1.70	14.00	-----
300	18 to 24 inches	2.10	18.00	-----
400	2 to 3 feet	2.80	25.00	220.00
540	3 to 3½ feet	3.50	30.00	270.00

racemosus, Common Snowberry. 6-7 ft.

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.

300	12 to 18 inches	1.70	14.00	120.00
500	18 to 24 inches	2.10	18.00	-----

vulgaris, Coralberry (Red Snowberry). 4-5 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.

600	12 to 18 inches	1.70	14.00	120.00
1600	18 to 24 inches	2.25	18.00	160.00
1200	2 to 3 feet	2.80	25.00	220.00
400	3 to 4 feet	3.50	30.00	-----

SUMAC. (See *Rhus*)

TAMARIX

Grown chiefly for its fine, graceful foliage and showy panicles of flowers.

12 to 18 inches	1.90	16.00	-----
18 to 24 inches	2.50	22.00	-----
2 to 3 feet	3.50	30.00	-----
3 to 4 feet	4.50	40.00	-----
4 to 5 feet	5.50	50.00	-----

SILVER FOLIAGE VARIETIES

	4-5'	3-4'	2-3'	18-24"	12-18"
Amurensis	50	-----	-----	-----	90
Hispida	100	-----	-----	190	190
Odessana	200	-----	-----	250	300

GREEN FOLIAGE VARIETIES

	4-5'	3-4'	2-3'	18-24"	12-18"
Africana	150	550	350	550	600
Gallica Indica	90	90	240	300	-----
Tetandra Purpurea	100	400	600	700	-----

VIBURNUM lentago, Nannyberry. 18-20 ft.

Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.

	Per 10	Per 100	Per 1000
100	3 to 4 feet	\$ 4.50	\$ 40.00

opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

500	9 to 12 inches	1.90	16.00	-----
1100	12 to 18 inches	2.50	22.00	-----
320	3 to 4 feet	5.50	50.00	-----

opulus sterilis, Common Snowball. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers. April-May.

400	9 to 12 inches	2.10	18.00	-----
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HEDGING

Lighter stock than regular grade of shrubs; good hedging grades.

BARBERRY, Berberis thunbergi, Japanese Barberry.

		Per 100	Per 1000
5000	6 to 9 inches	\$ 2.90	\$ 25.00
1600	18 to 24 inches, 2 year seedlings, branched	14.00	120.00
4000	2 to 3 feet, 2 year seedlings, branched	18.00	150.00
9100	12 to 15 inches, transplanted, 2 year branched, bushy	15.00	-----

CARAGANA arborescens (See Deciduous Tree Seedlings).**ELM CHINESE. (See Deciduous Tree Seedlings).****HONEYSUCKLE, Lonicera, upright hardy varieties.****Tatarian, Pink, Red, White.**

1500	18 to 24 inches	18.00	140.00
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PRIVET. (See Shrubs.)**RUSSIAN OLIVE, Elaeagnus angustifolia.**

3000	6 to 12 inches	2.10	18.00
2000	18 to 24 inches	4.50	40.00
5000	2 to 3 feet	6.50	60.00
2000	3 to 4 feet	10.00	85.00

VINES

Tied, 2-year Medium, 25; 2-year No. 1, 10; 3-year, 10 per bundle.

AMPELOPSIS, Boston Ivy, Parthenocissus tricuspidata (veitchi). 30-40 ft.

Beautiful foliage in spring and summer changing to crimson-scarlet in autumn. Clings to brick, stone or concrete walls. Succeeds best in this latitude on north or east side.

		Per 10	Per 100	Per 1000
2600	2 year Medium	\$ 2.90	\$ 25.00	\$220.00
4600	2 year No. 1	3.50	30.00	270.00
1600	3 year No. 1	4.50	40.00	-----

Engelmann Creeper, engelmanni. 30-40ft.

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

300	2 year Medium	1.90	16.00	-----
200	2 year No. 1	2.40	20.00	-----

Virginia Creeper, quinquefolia. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

400	2 year Medium	1.90	16.00	140.00
600	2 year No. 1	2.40	20.00	180.00

BIGNONIA, (Campsis) radicans, Trumpet Vine. 20-30 ft.

Upright growing vine. Trumpet shaped, scarlet flowers. July-August.

300	2 year Medium	1.90	16.00	-----
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CELASTRUS, orbiculatus, Oriental Bittersweet. 20-25 ft.

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

150	2 year Medium	2.10	18.00	-----
100	2 year No. 1	2.90	25.00	-----

scandens, American Bittersweet. 20-25 ft.

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

90	2 year Medium	\$ 3.20	\$ 28.00	\$ -----
100	2 year No. 1	2.90	25.00	-----

VINES—Continued.**CLEMATIS Crispa, Curly Clematis. 3-4 ft.**

A slender vine with purplish flowers. Fragrant.

		Per 10	Per 100	Per 1000
200	2 year No. 1	\$ 3.20	\$ 28.00	\$ -----

paniculata, Sweet Autumn Clematis. 20-30 ft.

A valuable climber literally covered with white fragrant flowers in Sept.

300	2 year Medium	3.20	28.00	-----
1000	2 year No. 1	4.00	35.00	320.00
1000	3 year No. 1	4.50	40.00	370.00

texensis, Scarlet Clematis (coccinea). 5-6 ft.

Large, bell shaped scarlet flowers. Attractive foliage.

100	2 year No. 1	3.20	28.00	-----
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virginiana, Virgin Bower Clematis. 20-30 ft.

Finely, cut-toothed foliage. A good climber or ground cover producing white flowers in panicles.

1500	2 year Medium	2.90	25.00	220.00
500	2 year No. 1	3.50	30.00	-----

HEDERA helix, English Ivy.

Semi-hardy evergreen vine. Best in shady locations. Needs protection.

200	2½ inch pot plants	1.40	12.00	-----
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HONEYSCUCKLE**Hall's Japan, japonica halleana. 20-25 ft.**

Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.

500	2 year Medium	1.70	14.00	120.00
4000	2 year No. 1	2.10	18.00	150.00
2000	3 year No. 1	2.40	20.00	180.00

Scarlet Trumpet Honeysuckle, sempervirens. 20-30 ft.

Upright grower. Dark green foliage. Long tubular scarlet flowers.

190	2 year Medium	2.10	18.00	-----
200	2 year No. 1	2.50	22.00	-----
100	3 year No. 1	3.20	28.00	-----

POLYGONUM auberti, Silvervine Fleeceflower. 25-30 ft.

Rapid growing climber producing throughout summer and fall large foamy sprays of creamy white flowers.

600	2 year Medium	2.90	25.00	-----
200	2 year No. 1	3.50	30.00	-----

reynoutria

Light green foliage, turns brilliant in fall. One of the finest ground covers. Thrives best in full sunlight; hovers 4 to 12 inches from soil. Blooms in fall; fragrant, airy pink sprays similar to Silver Lace Vine. Deep red buds, foliage brilliant red in fall.

100	2 year Medium	2.90	25.00	-----
100	2 year No. 1	3.50	30.00	-----

EVERGREENS

Due to shortage of labor, we are not now accepting orders for assorted Evergreens. When earlier orders are shipped we may then have stock to offer.

ROSES

These roses are mostly Northern California grown, available for immediate shipment. They are well graded, in excellent condition, and we are confident they will please.

All roses are tied No. 1 and No. 1½, 10 per bundle; No. 2, 25 per bundle. We do not break bundles.

HYBRID TEA AND EVERBLOOMING

Per 10 Per 100

No. 1		\$6.50	\$60.00
No. 1½		5.00	45.00
No. 2		3.50	30.00
No. XX Heavy		7.50	70.00

No. 1 No. 1½ No. 2 XX

Ami Quinard , velvety crimson-maroon, vigorous and profuse.		250	500	---
Betty Uprichard , salmon-pink stained with coppery-red.	100	200	500	100
Briarcliff, Peter's , Briarcliff strain used by Florists for forcing.	80	100	300	100
Christopher Stone , free blooming plant producing fragrant, velvety-textured roses of vivid-scarlet deliciously scented. New.			800	---
Condesa de Sastago , deep coppery-pink inside, golden-yellow reverse; double. Vigorous and prolific.		90	300	---
Duquesa de Penaranda , beautiful deep apricot.	290	300	90	
Editor McFarland , shapely buds and double, brilliant pink blooms.	200	300	400	180
E. G. Hill , great massive blooms of deep velvety-maroon.	300	300	800	---
Etoile de Hollande , dark velvety-red with fine fragrance.	300	250	500	---
Golden Rapture , long lasting, beautifully formed buds, fully double blooms of rich yellow on long, strong stems. A vigorous grower.			400	---
Grenoble , long-stemmed beautifully shaped blooms of scarlet-crimson.	90	100	300	---
Gruss an Teplitz , medium sized, dark maroon blooms in clusters. Very hardy.	180	800	1200	400
McGredy's Scarlet , large brilliant scarlet shaded rose-pink.		500	300	---
Mrs. Chas. Bell , soft, salmon-pink, sweetly perfumed.	100	100	400	200
Mrs. Pierre S. du Pont , bud reddish-gold, flower golden-yellow, lighter with age.		90	480	---
Mrs. Sam McGredy , a large, long-pointed bud; flower large, double, and in color scarlet-copper-orange, heavily flushed with red on outside of petals. A vigorous grower, disease resistant and prolific bloomer.		280	300	---
Numa Fay , large well-shaped buds of pale orange-salmon shading to pale pink edges. Open flowers are pale salmon-pink.		200	250	---
Picture , velvety clear rose-pink with undertones of salmon. Very double.		280	400	---
Pink Dawn , perfectly formed, pink buds touched with salmon-rose.	100		300	100
Poinsettia , bud long-pointed; large, double open flowers of bright unfading scarlet. Vigorous, prolific bloomer.		250	500	---
Radiance Pink , large, brilliant rose-pink. Very fragrant.	800	300	300	500
Radiance Red , bright rose-red form of Radiance.	2500	500	500	1000
Rouge Mallerin , double, well formed blooms of striking and lasting deep red.		300	400	---
Syracuse , scarlet-crimson on vigorous upright plant. Double.	100	100	300	---
Talisman , glowing golden-yellow stained copper-red.	100		300	---

HYBRID PERPETUAL

Per 10 Per 100

No. 1		\$6.50	\$60.00
No. 1½		5.00	45.00
No. XX Heavy		7.50	70.00

No. 1 No. 1½ XX

Paul Neyron , thornless bushes with gigantic, pink, fragrant flowers.	180	100	100
Ulrich Brunner , large, fine shaped blossoms of cherry-red.	250	150	200

ROSES—(Continued)**BABY ROSES—Dwarf Polyantha and Floribunda**

		Per 10	Per 100
No. 1		\$6.50	\$60.00
No. 1½		5.00	45.00
No. 2		3.50	30.00
No. XX Heavy		7.50	70.00

		No. 1	No. 1½	No. 2	XX
Edith Cavell , brilliant, scarlet, overlaid velvety crimson		60	220	250	180
Ellen Poulsen , double, bright rose-pink, fragrant.				130	200
Else Poulsen , bright, rose-pink, semi-double, lasting.		200			
Eutin , large clusters of very double, deep red flowers on a vigorous mildew resistant bush.				300	
Golden Salmon Superior , an improvement on Golden Salmon.		200	100		
Lafayette Improved , large clusters of bright cherry-crimson.				150	500
Orange Triumph , salmon-red with orange shadings, blooming in enormous clusters.		300	100	100	
Poulsen's Yellow , bud copper, yellow flowers semi-double, intensely fragrant.		500	150	200	270
Sparkler , a fine, cluster-flowered type, brilliant red flowers.	100	390	280	120	
Triomphe Orleanais , large clusters of cherry-red.	200	200	300		

PATENTED HYBRID TEA ROSES

These are offered under license from patentee, and it is understood and agreed that they are FOR SALE AT RETAIL ONLY, at retail prices specified, 10 to 20 at 10 rates, 20 to 250 at 100 rates. Prices are NET.

		Per 10	Per 100
100	Douglas MacArthur , Patent No. 581. (Retails \$1.50 each; \$15.00 per doz.) Bud large, long-pointed; flower large and double, full, high-centered and lasting. Delft rose, slightly bronze at base of petals. Continuous bloomer.	\$ 9.00	\$ 75.00
150	Horace McFarland . (Patent Pending). (Retails \$2.00 each; \$20.00 per doz.) Named in honor of Dr. J. Horace McFarland. An upright growing vigorous plant producing an abundance of large deep apricot ovoid buds opening to beautifully formed, buff-salmon, spicely scented blooms of 45 petals. A.A.R.S. award for 1945.	11.00	100.00
150	Katherine T. Marshall , Patent No. 607. (Retails \$2.00 each; \$20.00 per doz.) A rose of rare beauty and delicacy of form—growing vigorously with large, open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.	11.00	100.00
90	Mary Margaret McBride , Patent No. 537. (Retails \$1.50 each; \$15.00 per doz.) The buds are deep salmon-pink, almost reddish in fall, and the suffusion of yellow becomes a gold at base of petals. Rose full having about 45 petals. Bush strong and vigorous in growth producing great numbers of long stemmed roses; excellent for cutting. A.A.R.S. award for 1943.	9.00	75.00
400	Mirandy , Patent No. 632. (Retails \$2.00 each; \$20.00 per doz.) First place winner of All-American rose competition for 1945. A strong free-branching plant producing large, long-pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum Red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.	11.00	100.00
350	Pearl Harbor , Patent No. 637. (Retails \$1.50 each; \$15.00 per doz.) Light poppy-pink, reverse China rose on long stem. Bud large, long-pointed; flower exceptionally large, double and high-centered.	9.00	75.00

ROSES—(Continued)**RUGOSA, HYBRIDS AND MISCELLANEOUS**

Mostly Own Roots

Per 10 Per 100 Per 1000

Belle Poitevine, bright pink in clusters, everblooming.

20	2 to 3 feet	\$5.50	\$-----	\$-----
600	18 to 24 inches	4.50	40.00	-----
500	12 to 18 inches	3.50	30.00	-----
400	9 to 12 inches	2.50	22.00	-----

Blanda, soft pink flowers borne in clusters.

130	3 to 4 feet	5.50	50.00	-----
280	2 to 3 feet	4.50	40.00	-----
100	18 to 24 inches	3.50	30.00	-----

Carolina, bright rose-pink flowers borne singly in clusters.

140	2 to 3 feet	4.50	40.00	-----
400	18 to 24 inches	3.50	30.00	-----
220	12 to 18 inches	2.50	22.00	-----

F. J. Grootendorst, small bright red flowers in clusters.

700	2 to 3 feet	6.50	60.00	-----
1400	18 to 24 inches	5.50	50.00	450.00
3100	12 to 18 inches	4.50	40.00	350.00
800	9 to 12 inches	3.50	30.00	250.00

Grootendorst Pink, charming pink variety of Grootendorst.

100	2 to 3 feet	6.50	60.00	-----
1000	18 to 24 inches	5.50	50.00	450.00
1500	12 to 18 inches	4.50	40.00	350.00

Grootendorst Supreme, sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.

120	12 to 18 inches	4.50	40.00	-----
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Hansa, double reddish flowers of large size.

500	12 to 18 inches	3.50	30.00	-----
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Hugonis, light yellow flowers borne profusely along the branches. Very hardy, blooms very early.

100	4 to 5 feet	8.00	75.00	-----
1400	12 to 18 inches	4.50	40.00	350.00

Nitida, deep pink flowers, extremely hardy.

110	18 to 24 inches	5.00	45.00	-----
200	12 to 18 inches	3.50	30.00	-----

Rugosa Alba, splendid foliage with single white blooms.

130	2 to 3 feet	6.50	60.00	-----
1000	18 to 24 inches	5.00	45.00	400.00
1000	12 to 18 inches	3.50	30.00	250.00

Rugosa Rubra, large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.

300	2 to 3 feet	5.50	50.00	450.00
250	12 to 18 inches	3.50	30.00	250.00

Setigera, bright pink flowers, big clusters, blooms late.

270	2 to 3 feet	3.20	28.00	-----
560	18 to 24 inches	2.50	22.00	-----
270	12 to 18 inches	1.90	16.00	-----

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—(Continued)**CLIMBERS AND RAMBLERS**

Our Climbing Roses are mostly California grown, own roots. They are well furnished plants, well graded and we are confident they will please.

		Per 10	Per 100	Per 1000
800	No. 1	\$5.50	\$50.00	\$450.00
6400	No. 1½	4.50	40.00	350.00
2900	No. 2	3.50	30.00	250.00
500	XX Heavy	6.50	60.00	-----

Dorothy Perkins, soft shell pink flowers.

800	No. 1½	3.50	30.00	270.00
300	No. 2	2.50	22.00	200.00

Dr. Van Fleet, pale pink buds and flowers on long stems.

1000	No. 2	3.50	30.00	250.00
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Excelsa, double scarlet crimson blooms.

300	No. 1	4.50	40.00	-----
600	No. 1½	3.50	30.00	270.00
600	No. 2	2.50	22.00	200.00

Excelsa Pillar, strong growing pillar type, double scarlet crimson blooms. Hardy as the common Excelsa.

500	No. 1	4.50	40.00	-----
170	No. 1½	3.50	30.00	-----
140	No. 2	2.40	20.00	-----

Paul's Scarlet, intense scarlet flowers of excellent shape and good size, borne in clusters.

1500	No. 1	5.50	50.00	450.00
8400	No. 1½	4.50	40.00	350.00
7000	No. 2	3.50	30.00	250.00
1000	XX Heavy	6.50	60.00	-----

Royal Scarlet, similar to Paul's Scarlet but smaller and deeper red in color.

200	No. 1	5.50	50.00	-----
700	No. 1½	4.50	40.00	-----
500	No. 2	3.50	30.00	-----

Seven Sisters, double, deep pink, borne in large clusters.

400	No. 1	4.50	40.00	-----
1000	No. 1½	3.50	30.00	-----
480	No. 2	2.50	22.00	-----

White Dorothy, small double flowers, creamy white in great clusters.

1700	No. 1	4.50	40.00	350.00
1200	No. 1½	3.50	30.00	270.00
500	No. 2	2.50	22.00	200.00

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

PERENNIALS

We are one of the largest growers of Hardy Perennials and Rock Garden Plants in the United States, devoting approximately 100 Acres of overhead irrigation system for the specialized production of this type of plant.

Our variety list is complete. Many new varieties are being included in this list—while we have many other varieties in the course of testing for future introduction. Our plants are, except as specified, field grown and properly transplanted to give necessary root development for high class landscape planting.

All perennials should be shipped by Express. They are very perishable, and should not be included in a freight shipment.

RG means adaptability for Rock Garden planting.

* Indicates New and Novelty varieties. These have all been thoroughly tested, and we can recommend them very highly.

	Per 10	Per 100
ALYSSUM, Rock Madwort (RG)		
Saxatile Citrinum. Same habit of growth as Saxatile Compactum, but more desirable. Flowers lovely pale yellow. Outstanding in the spring garden or rockery.	\$ 1.80	\$15.00

Saxatile Compactum (Basket of Gold). Masses of bright yellow flowers. Sprawling habit. 10 in. May.	1.40	12.00
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AMSONIA

Blue Star of Texas. Here is the true, original Star of Texas. A soundly, hardy, graceful shade tolerant perennial with big panicle of the blue star flowers.	1.40	12.00
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ANCHUSA, Bugloss

Myosotidiflora (RG). Dwarf. Clusters of Gentian blue forget-me-not like flowers. 12 in. May-June.	1.80	15.00
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ANEMONE, Windflower (RG)

Pulsatilla. Violet. 12 in. April-May.	2.00	18.00
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AQUILEGIA, Columbine. May-June. (RG)

Canadensis. Reddish, orange flowers. May-June. 18 inches.	1.40	12.00
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Copper Queen. Lovely deep copper with long spurs of deeper hue, inside of the corolla buff.	1.80	15.00
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Crimson Star Longissima—New Improved Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May and June. 24 in.	1.80	15.00
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Dobbies Imperial Hybrids. Fine, wide assortment of colors, very sturdy, of great size. A recent English triumph.	1.20	10.00
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Long Spurred Blue Shades—Extra long spurs.	1.40	12.00
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Long Spurred Rose Queen. Rose shades.	1.40	12.00
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Long Spurred Snow Queen—Extra long spurs.	1.40	12.00
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Mrs. Scott Elliott's Long Spurred Hybrids. Finest of all long-spurred mixtures, striking colors and combinations. 3 ft.	1.20	10.00
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ARMERIA.

Formosa Hybrids. Shades of rose and pink. Good sized flowers on stems 2 ft. high.	1.50	
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ARTEMISIA, Wormwood (RG)

Silver King. Silver white, color effect frosted silver. Beautiful in combinations.	2.10	18.00
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PERENNIALS—Continued

ASTERS

DWARF VARIETIES (RG)

		Per 10	Per 100
Profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy. Blooms in September.			
Lilac Time. Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. Blooms mid-september.	\$1.40	\$12.00	
Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft.	1.40	12.00	
Snowsprite. Cushions of pure white flowers. Dwarf, compact and bushy. Sept. Height, 1 ft.	1.40	12.00	
Victor. The dwarfest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September.	1.40	12.00	

UPRIGHT TYPES. Starwort or Michaelmas Daisy.

The following varieties of Upright Asters are new and improved varieties. Very large in bloom and extremely colorful.			
* Adorable. Deeper, clearer pink, very rare in fall flowers. Small, reddish rosette-like buds. Clean dark green foliage. Height 4 to 4½ ft. Blooms September to frost. (2-in. Pots)	1.80	15.00	
* Beechwood Challenger. The nearest approach to red so far in Hardy Asters. Free-flowering medium height, about 3½ ft. Early fall. Profuse bloomer with brilliant crimson-red flowers.	1.80	15.00	
Blue Boy. Low growing, deep blue flowers.	1.80	15.00	
* Blue Cloud. Rounded, upright clumps of fluffy green foliage, covered with single soft lavender-blue, yellow centered flowers. 3 ft.	1.80	15.00	
Blue Gem. Large lovely flowers of blue with a yellow center, double flowers. Best blue in cultivation. September until frost. 3 to 4 ft.	1.40	12.00	
* Blue Lagoon. A new variety of the Novi-Belgii type blue flowers, quiet, lovely.	2.10	18.00	
Feltham Blue. One of the best and showiest, with large, pyramidal spikes of large light lavender-blue flowers.	1.40	12.00	
* Harrington's Pink. The first Hardy Aster that is truly pink. Flowers are large and cover the 4-foot plant so completely that it seems a shame to cut them, but the blooms will be welcome in the house. (2-in. Pots)	1.80	15.00	
Mt. Everest. Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growths, which flower right down to the ground. Very small eye. 3 to 4 ft.	1.80	15.00	
Mt. Ranier. Pure white flowers with yellow discs. A most satisfactory variety for "separating" the other colors. It is an excellent plant to help create fine fall effects. Upright.	1.80	15.00	
* Palmyra. The best pink of the Novi-Belgii type. A very hardy vigorous growing aster with masses of semi-double pure pink flowers which make perfect pyramids on sturdy stems in mid-Sept. to frost. 3 to 4 feet.	1.80	15.00	
Royal Blue. Large, semi-double, clear blue. 2½ ft. September.	1.40	12.00	
Strawberries & Cream. A lovely color combination of deep pink flowers with softer pink of new bloom. End of Sept. 4 feet.	1.80	15.00	
Sunset. A glorious sunset pink. Good habit and extremely free flowering. One of the best new pink sorts. Grows about 36 inches tall.	1.80	15.00	
BOLTONIA, False Chamomile.			
Latisquama. Pink, aster-like flowers. September. 4 ft.	1.20	10.00	
BUDDLEIA, Butterfly Bush, (See Shrubs).			
* CALLIRHOE INVOLUCRATA, (Poppy Mallow.) Trailing plant, finely divided foliage, large, saucer-shaped flowers of bright rosy crimson, white centers. Blooms all Summer and Fall.	1.40	12.00	
CAMPANULA, Bellflower.			
Calycanthema (Cup and Saucer.) In separate colors, Blue, Rose and White. Tall, erect plants covered with large cup and saucer shaped flowers during late May and June. A perfect plant for the old fashioned, hardy garden.	1.40	12.00	
Medium (Canterbury Bells). In separate colors. Blue, and Rose. June. 2 ft.	1.40	12.00	
CATANANCHE COERULEA, Blue. Heads of pretty, deep blue flowers on long stems. Profuse, excellent cut flowers on 18 inch stems. July, August and September. A fine border plant.	1.80	15.00	

PERENNIALS—Continued

CHrysanthemums

Dormant stock in strong 1 year field grown plants will be supplied on Fall shipment orders. Well finished 2½ inch Pot Plants on some of the newer varieties will be supplied on Spring Orders.

CUSHION Chrysanthemums. Sometimes called "Million Mums." Per 10 Per 100

A group of lowing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azaleas. The plants grow about 10 or 12 inches high. Our stock is of improved strains. Most varieties begin blooming late August and bloom until frost.

Bronze Cushion. As the flowers first open, they are a warm, rich red bronze, then turning to a bronzy yellow with a light red center. Later, lighten to a beautiful golden bronze shade----- \$1.80 \$15.00

Pink Cushion. Flowers open to a deep, orchid-pink, then change to a light orchid with a creamy center, finally salmon-pink with a soft yellow center. Has a record of 3,000 flowers the first year per plant. Very hardy----- 1.40 12.00

Red Cushion. Pure fiery red. Multitude of beautiful 2 to 2½ in. flowers----- 1.80 15.00

White Cushion. Snow white flowers with a faint yellow center----- 1.80 15.00

Yellow Cushion. Pure golden yellow, very brilliant. Develops into large dense clumps, often measuring 24 to 30 inches across. Produces hundreds of strikingly beautiful flowers. Flowering the first of October. (2-in. Pots) 1.80 15.00

UPRIGHT CUT FLOWER VARIETIES

These are the Chrysanthemums which you grow in your garden. Suitable for cut flower purposes. Flowers are large and all up-right stems. We guarantee the following varieties to be all early bloomers under normal conditions and to bloom either in September or early October.

Algonquin. (Bristol) Fine, brilliant, double yellow. Mid-September. 18 inches. 1.80 15.00

* **Amber Glow.** A 2½ inch flower of soft salmon or peach pink. Flowers very profusely. Blooms October 5----- 1.80 15.00

* **Avalanche.** Large well formed double white flowers in great quantities. A beautiful white chrysanthemum. 2½ to 3 ft. Late Sept----- 2.10 18.00

Burgundy (Bristol). Rich deep red of fine, old wine. Fully double, perfect form. Early October. 2½ ft----- 1.80 15.00

Capt. R. H. Cook. Clear, deep rose colored petals tipped with golden bronze. A dependable variety. 4 ft. Late Oct----- 1.80 15.00

Dean Kay Pink. Produces a great abundance of excellent rose-pink flowers in a profuse mass. Perfectly hardy. Grows 2 to 2½ ft----- 1.80 15.00

Early Bronze. A remarkably early flowering PomPom. Its flowers of beautiful orange-bronze in full glory in September----- 1.80 15.00

Eugene A. Wander. A big, brilliant glistening golden yellow beauty, flowering so freely that the stocky plant is almost obscured by its branching clusters of big double flowers. 18 in. Is in flower by September 20th. (2-in. Pots) 1.80 15.00

Eureka Giant. A beautiful, large, semi-double, light orange-bronze flower. Grows 2½ to 3 ft. tall and very hardy----- 1.80 15.00

Gobin. Two-inch blooms of a warm bronze, shading to sparkling gold when open. Uniquely distinct. 2 ft. Mid-October----- 1.80 15.00

Indian Summer. A vivid, glowing orange flower 3 inches across. Growth is distinct erect, and sturdy. Height 2 to 2½ ft. In full bloom Oct. 15th----- 2.10 18.00

Jean Treadway. Softest pink with distinct rose center. Perfectly formed, very double flower, over 3 inches across. Medium height, bushy habit, in full bloom late Sept----- 1.80 15.00

King Midas. The plants are literally covered with flowers over a long period from late Sept. throughout Oct. The flowers average 4 inches across, very double, a charming shade of soft yellow with the faintest bronze shadings. Very branched. 2½ ft----- 1.80 15.00

Lavender Lady, a lovely true lavender, no trace of mauve. Very double and free-flowering. (2-in. Pots).----- 1.80 15.00

* **Lavender Lassie.** With many graceful sprays of dainty blossoms in about the same shade of Lavender-pink. Enchanting in the foreground of border plantings. From Sept. until freezing. The 2½ ft. plant is a mass of 2 to 3 inch pom poms. (2-in. Pots.)----- 2.10 18.00

Leda. A large heliotrope pink, beautiful rolled petals, fast multiplier. Sept. 1.80 15.00

* **Little Eskimo.** Pure white, ball-shaped flowers 1½ inches in diameter that do not fade to pink. Are produced abundantly in August and September----- 1.80 15.00

Mrs. P. S. DuPont. The dominant shade is a soft peach tint, blended with mauve undertones, the whole overcast with an indescribable luminous sheen. The large full, perfectly formed flowers are carried on tall, branching stems. 2½ ft. In full flower Oct. (2-in. Pots).----- 1.80 15.00

PERENNIALS—Continued

CHRYSANTHEMUMS—Upright Cut Flower Varieties—Continued.		Per 10	Per 100
My Lady. Fully double, very large, beautiful orange-yellow flowers in Aug. until frost. 1½ to 2 ft.		\$1.80	\$15.00
* Orchid Jewell. Small, compact sprays of light orchid pink flowers on 24-inch stems.		1.80	15.00
Pygmy Gold. A distinct, fine Pom Pom type. The color is a clear golden yellow, remarkable for its brilliance and intensity. It flowers in early September.		1.80	15.00
* Red Velvet. Rich velvety crimson with glowing sheen. Shapely, fully double medium sized 3 to 3½ inch blooms on sturdy stems. Radiant bloom early in October.		2.10	18.00
Rose Glow. Lovely raspberry, rose-pink blossoms in glorious profusion from September on. Husky strong 2 ft. plant.		1.80	15.00
* September Bronze. Shapely little Pom Pom blossoms, shading from golden bronze to intense warm bronze, simply cover the plant from mid-September on through into November or killing frost.		2.10	18.00
* September Cloud. Beautifully rounded blossoms, purest white with primrose shading in center. Wonderfully dark green contrasting foliage. Nicely rounded compact plant completely covered with flowers from Mid-September till frost.		2.10	18.00
Silver Moon. Flowers of gleaming white. A fine lusty 2½ ft. plant producing flowers from September on.		1.80	15.00
Spoon Golden. The flowers are large in the regular order; the color is a clear gold-tone, well away from the clear yellow in Yellow Spoon.		1.80	15.00
Spoon Jasper. The color is a bright bronze-red overtone, mantled on a brilliant gold relief that is the principal color effect.		1.80	15.00
Spoon Orchid. The flowers of the popular spoon form are a clear orchid color and of generous size. One of the most interesting of this group.		1.80	15.00
Spoon Rose. It may easily be termed an extremely interesting plant novelty. The color is a shining rose that defies description.		1.80	15.00
Symphony. Mauve-rose, overcast soft coppery rose, with the sheen of Damask. The flower in maturing acquires silvery lilac and faint copper tones, very lovely but elusive and impossible to describe. The flowers are large, 3 inches, double, nicely formed, and carried on heavy, sturdy stems, several to a spray. 2½ to 3 ft. (2-in. Pots).		1.80	15.00
* Tiger. Large full crimson with rolled petals. After the crimson bloom is out a while it changes through all shades of bronze to bright yellow, making several color shades on same bush. Aug.-Sept. (2-in. Pots).		2.10	18.00
White Gull. This variety is distinctly of the cushion type in growth but the flowers which are pure white are more of pom pom shape.		1.80	15.00
White Jewell. Upright, sturdy, with abundant white jewell-shaped flowers.		1.80	15.00
* White Knight. A clean, clear-white symetrically shaggy flower. The largest double white, it appears on a loose upright bush. Flowers are early, starting in Mid-Sept.		2.10	18.00
CHRYSANTHEMUM MAXIMUM, Shasta Daisy			
Alaska. Large white flowers, June to August. 2 ft.		1.20	10.00
Diener's Double White. Recent development of full, shaggy double flowers of glistening white. Hardy, robust grower. Early. 2½ to 3 ft.		1.80	15.00
* Deiners G. Marconi. New giant double, ever flowering.		1.80	15.00
Lothian Bell Strain. This magnificent white daisy is undoubtedly the largest flowered of its class. Flowers frequently measure 6 inches across with very broad petals of great substance. 2½ to 3 ft.		1.40	12.00
* Timpanogii. New Broad Petaled 8 in. Long stems, flowers 8 inches in diameter—early flowering.		1.80	15.00
COREOPSIS, Tickseed			
Double Sunburst. Double flowers, golden-yellow. Blooms all summer. 20 to 30 in.		1.20	10.00
* Golden Shower. This semi-dwarf golden yellow perennial is always in bloom. Flowers two inches. 18 inches tall.		1.80	15.00
Mayfield Giant. An improved, large single, of brilliant yellow.		1.20	10.00
DELPHINIUM, Larkspur			
Belladonna, Clivedon Beauty. Beautiful sky-blue, from carefully selected strain to keep it absolutely true to type. Blooms in June and again in September. 4 to 5 ft.		1.20	10.00
Bellamosa. Dark blue blooms all summer. 4 ft. Strong 1 year plants.		1.20	10.00

PERENNIALS—Continued

		Per 10	Per 100
DELPHINIUM, Larkspur—Continued.			
Bellamosa LaMartine. Deeper blue than Bellamosa with a distinct white eye. Not susceptible to disease. Long blooming period. 4 to 5 ft.	\$ 1.20	\$10.00	
Blackmore & Langdon Hybrids. 4 to 5 ft. Semi-double and double blooms in shades of blue, lavender and purple.	1.40	12.00	
Gold Medal Hybrid. Tall, well filled double and semi-double flowers from purplish blue to white.	1.40	12.00	
* Pacific Hybrids Mixed. This elegant strain of Delphinium is almost beyond description. Flower spikes 3 to 5 feet long closely packed with individual flowers from 2 to 3 inches across, many are double, semi-double, some single.	2.10	18.00	
Wrexham Giant Hollyhock Strain Mixed. This English strain is one of the finest developed in the Delphinium family. Enormous flowers on solid erect spikes. Color delicate shades of blue, mauve and pink.	1.40	12.00	

DIANTHUS**Barbatus, Old Fashioned Sweet Williams.**

This is the Old Fashioned Sweet William, bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.

* Dwarf Midget. Uniform habit. The color range is from white, chamomile, salmon, scarlet, brickred to maroon, with most blooms tri-colored. 6 inches.	1.40	12.00
Holborn Glory. Striking combination of crimson with white eyes. 18 inches.	1.20	10.00
* Homeland. A most unusual color, dark red with large shapely defined clear white center. 12 inches.	1.40	12.00
Nigricans. Very dark crimson flowers, bronzy foliage.	1.20	10.00
Purple Beauty. Bright deep purple.	1.20	10.00
Scarlet Beauty. 18 inches.	1.20	10.00
White Beauty. 18 inches.	1.20	10.00

DIANTHUS GRENADIN CAROPHYLLUS

	Per 10	Per 100
This is the hardiest of all outdoor carnations. Very fragrant, fully double producing large flowers on long stems. The finest of all varieties.		
Golden Sun. Early flowering, very double, large clear yellow flowers.	\$1.40	\$12.00
Rose Queen Triumph—Deep Delicate Pink.	1.40	12.00
King of Blacks—Deep Maroon. Almost Black.	1.40	12.00
Scarlet—Rich Scarlet. Extra Large Flowering.	1.40	12.00

DIANTHUS PLUMARIUS HARDY GARDEN PINKS

Allwoodii. This is a new type of Allwoodii pink imported from England. Very fragrant.	1.40	12.00
Semperflorens (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in.	1.20	10.00
Sequeri. Notched blossoms pink to carmine usually marked maroon and white. In bloom until mid-autumn.	1.80	15.00

DIANTHUS SPECIES

Arenarius. Rumpled foliage densities of silver green velvet. Fringed creamy flowers, richly fragrant.	1.40	12.00
Latifolius Atrococcineus, Fl. Pl. Everblooming Oriental Sweet William. Fiery crimson. Blooms all summer. 18 in.	1.40	12.00

DICENTRA, Bleeding Heart.

Eximia (RG). This is not a particularly new item but it is very worth while and few nurserymen know it. We recommend it very highly, equal to or better than the old fashioned Spectabilis variety. Rose colored flowers produced all summer. 12 in.	2.50	22.00
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DIGITALIS, Fox Glove.

	Per 10	Per 100
Most attractive for the border or woodland garden. Biennial. Blooms during June and July. 2 ft. Rose.	\$ 1.40	\$12.00
Shirley Hybrids. The flower heads are over 3 ft. long, crowded with big, bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractive dotted crimson or chocolate.	1.40	12.00

EUPHORBIA.

Myrsinifolia. Beautiful trailing plant for Rock Gardens or Wall Gardens. Silvery-gray leaves with yellow flowers. Likes shade.. 3 to 4 inches.	1.80	15.00
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PERENNIALS—Continued

		Per 10	Per 100
FERNS, Hardy Outdoor (RG).		\$ 1.40	\$12.00
Goldie's Wood. (<i>Aspidium</i>). Evergreen variety. 2 ft.			
Interrupted (<i>Osmunda Claytoniana</i>). Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft.			
Maiden Hair (<i>Spleenwort Asplenium Tricomanis</i>). Most attractive of our Native Ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft.			
Ostrich Plume (<i>Onoclea Struthiopteris</i>). Very graceful with finely cut pin-nules. 2 to 3 ft.			
FUNKIA, Plaintain Lily (RG)			
Caerulea. Lovely blue flowers, leaves broad. August-September. 18 inch.	1.70	14.00	
Variegated. Blue flowers with variegated foliage. Excellent for edging. Early. 2 ft.	1.70	14.00	
GAILLARDIA, Blanket Flower (RG).			
Burgundy. Wine red flowers with beautiful sheen. June until frost. 1½ to 2 ft.	1.40	12.00	
Monarch Strain. Varied colors. Robust strain. Flowers extremely large and of perfect form. All summer. 2 ft.	1.40	12.00	
GENTIANA PHLOGIFOLIA. Usually grown in Rock Garden or Border. Profuse blossoms of medium size in deep, rich blue.	1.80	15.00	
GYPSOPHILA, Baby's Breath.			
* Bristol Fairy. Wonderful, new double white flowers, in which the individual blossom is much larger. Highly prized for cutting. Flowers continuously through the summer. 2 ft. (2-in. Pots).	4.00	35.00	
Oldhamiana. A variety somewhat similar to <i>Paniculata</i> but it has a much longer season, flowering until late in Autumn. Flowers white, delicately tinted pink.	1.40	12.00	
Paniculata Compacta. Pinkish white. July. 2 ft.	1.20	10.00	
Pacifica. A flesh pink variety of strong growth, blooming after <i>Paniculata</i> .	1.40	12.00	
Repens Rosea. An elegant hardy trailing plant for the Rockery with clouds of small, pale rose blooms. July and August.	1.40	12.00	
* Rosy Veil. Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting. (2-in. Pots).	3.00	25.00	
Snow White Double. Pure white double strain.	1.40	12.00	
HELENIUM.			
Riverton Gem. Old gold suffused with bright terra cotta, changing to wall-flower red. Grows to a height of 3 to 4 feet; and blooms from Aug. to October.	1.80	15.00	
* Moerheimi Beauty. Large, bronze-red flowers shading to orange at tips. If cut back, will bloom the second time. July and August, 2½ ft.	2.10	18.00	
HEMEROCALLIS, The Improved Day Lily			
This old Perennial is now coming into its "Own". There has been considerable hybridizing done on these plants the past few years and as a result there are many new varieties being offered.		Per 10	Per 100
August Pioneer. An absolutely new introduction by Dr. Stout. Orange with a reddish flush. Profuse August-September bloomer. 34 in.	\$ 2.10		\$18.00
Hyperion. One of the very finest. Flowers are citron-yellow and exceptionally large. July and August. 3 to 4 feet.	4.00	35.00	
Mikado. Rich orange with deep mahogany-red throat, beautiful color contrast flowers. June and July. 36 inches.	2.40	20.00	
Ophir. Deep, golden-yellow. 5 inches across. 25-30 on one stem. One of the finest of all varieties. Blooms July and August.	2.10	18.00	
HYDRANGEA.			
Blue Prince. Large blue flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about 1 Tablespoon per plant of aluminum sulphate.			
2 year dormant stock, for Spring only.	6.00	50.00	
Well furnished Pot Plants for Spring only.	2.40	20.00	

PERENNIALS—Continued

IBERIS

Sempervirens. Very dwarf, covered with a sheet of white. Perfectly hardy.
Height 6 to 8 inches. \$ 1.80 \$15.00

IRIS

Dichotomah (August or Vesper Iris). Fragrant flowers on tall branching sprays. From July to September. Cream to violet-purple markings of various colors. 1.20 10.00

LATHYRUS LATIFOLIUS, Perennial or Everlasting Pea.

This lovely trailing plant blooms all summer. In separate colors. Crimson King, Rose Queen, White Queen. 1.20 10.00

LILY OF THE VALLEY

Extra strong plants with long roots. Fine foliage and profuse bloomers.
Clumps, dug with original soil. 2.90 25.00
Pips .40 3.50

LINUM, Hardy Flax.

Perenne Blue. An attractive, bushy plant with pretty pale blue flowers during June and July. 1.20 10.00

LUPINES

* **Russell Lupines.** This is an improved strain of Russell Lupines acclimated to the United States. Spikes 3 to 4 feet tall with extra ordinary color combinations. 1.40 12.00

LYCHNIS, Champion (RG)

Chalcedonica (Maltese Cross), vivid scarlet flowers. 36 inches. 1.40 12.00

LYTHRUM

* **Rosalie.** The lovely flowers are a captivating art shade of rose pink. The graceful flowers are closely set on 2 feet spikes, flowering down to the ground. Interesting foliage, blooms from July till frost. 2 ft. (2-in. Pots). 2.40 20.00

* **The Beacon.** A very showy variety, has neat long-lasting spikes of large clear, deep-carmine flowers, followed with side spikes almost to the ground. Interesting foliage, blooms from July till frost. 2 ft. (2-in. Pots). 2.40 20.00

MONARDA, Avalon Hybrids.

45 inches. Color variations are amazing, silvery white blush to deep pinks, rose, mauve, violet, crimson. Well filled heads give effect of full double-blossoms. 1.40 12.00

MYOSOTIS, Forget-me-not (RG)

Lovely flowers, familiar to almost everyone. Blooms in early spring.

* **Pink Beauty.** Clusters of large, deep pink, Forget-Me-Not flowers. Good cut flowers. June to Sept. 8 to 10 inches. (2-in. Pots). 2.10 18.00

NEPETA, Ground Ivy, Catmint (RG).

Excellent for massing in the garden. Silvery Gray foliage, Fragrant.

Mussini. Everblooming, lavender blue, small leaved. 18 inch. 1.20 10.00

OENOTHERA, Evening Primrose (RG)

Make continuous display of color in rock garden.

Missouriensis. Lovely yellow solitary flowers often 4 in. across. Low grower, with prostrate ascending branches, profuse bloomer. June to August. 10 in. 1.40 12.00

PENTSTEMON, HARDY.

Cherry Glow. This companion to the lovely Garnet is also known as Firebird. Stems are 18 to 24 inches tall, vividly colored, ruby-crimson. (2-in. Pots). 1.80 15.00

* **Garnet.** First of a new strain of hardy, large flowering Pentstemons. Of spreading habit. June until stopped by frost. Rich garnet color. 12 to 18 inches tall. Six to a dozen spikes continually open throughout flowering season. Excellent for cutting. (Retails, per 3, \$1.50; Per doz., \$4.50; per 100. \$30.00) (2-in. Pots). 1.80 15.00

PERENNIALS—Continued

PHLOX PANICULATA

For a good many years we have made a specialty of growing Phlox. These Phlox that we are offering are strong one year field grown plants. Shipment can be made any time after the 10-15th of October.

	Per 10	Per 100
Annie Laurie. Rich, deep salmon. Large trusses. Grows to a height of about three foot.	\$ 1.80	\$15.00
* Antoinette Six. This pure white Phlox has unusually large heads, ideal for a huge mass effect. A beautiful new variety	2.10	18.00
Apollo Red. Deep rose-red, shaded crimson. Tall.	1.80	15.00
Apollo White. Splendid white with large individual flowers.	1.80	15.00
Apple Blossom. One of the loveliest of all the pastel shades. Soft apple-blossom pink. 2-1/2 inch florets. 2 1/2-3 feet tall.	1.80	15.00
Border Gem. A beautiful deep purple Phlox. Does not fade.	1.70	14.00
Brilliant. Large trusses of fiery scarlet with darker eye. 30 inches.	1.40	12.00
Caroline Vandenberg. The most attractive lavender shade, a fascinating shade of lilac blue. Enormous flowers. Medium height.	1.80	15.00
Champs Elysee. Compact heads of rich purple. Very desirable. 24 inches.	1.40	12.00
* Charles Curtis—Sunset Red. It is a fine strong grower about 2 1/2 to 3 feet tall.	1.80	15.00
Daily Sketch. Large trusses of lustrous pink with crimson-rose eye. Very large, single florets measure 1 1/2 inches across. 3 1/2 feet.	1.80	15.00
Dr. Klemm. Large trusses of white with diffused violet eye.	1.40	12.00
E. J. Farrington. Salmon-pink with a deep rosy-red blush. Excellent for cutting. 24 inches.	1.70	14.00
Enchantress. Bright salmon-pink with a dark eye.	1.80	15.00
Eva Forester (Also known as Salmon Beauty). Giant bright salmon-rose flowers with light center. 10 inches tall.	1.80	15.00
* Fairy King. The loveliest lavender. Rounded, large and shapely flower heads. Dark green foliage. 2 feet tall.	2.10	18.00
F. G. Von Lassburg. A tall white phlox, blooming in mid-season.	1.40	12.00
Gen. Petain. Deep wine red with large, beautifully shaped flowers.	1.70	14.00
Gen. Von Heutz. Enormous large flowers of a brilliant salmon-red color with pure white center. 30 inches.	1.70	14.00
* Graf Zeppelin. Ivory white flowers with vermillion red eyes. Of average height. Free Flowering.	1.70	14.00
Hauptman Koehl. Glowing full toned red. Large compact trusses on strong stems. July to frost. 24 inches.	1.80	15.00
* Irene. One of the best easy growing cherry red Phlox. Medium height with bronzy green foliage.	2.10	18.00
Jules Sandeau. Rosy Pink. Practically free from Red Spider.	1.40	12.00
* July Lights. Flowers early, grows to a medium height. Each floret is shaded with a soft red with a blood red eye.	1.80	15.00
* Leo Schalegeter. Brilliant scarlet, a decided orange cast to the blooms. 3 feet high.	1.80	15.00
Mary Louise. Pure, snow white heads, individual florets are 2 inches. Very fragrant, prolific bloomer.	1.70	14.00
Mrs. Ethel Pritchard. Self shade of rose-mauve, large flowers.	1.40	12.00
Mrs. Jenkins. Pure white, late flowering. Free from any disease.	1.20	10.00
New Bird. Amaranth-red of great brilliancy.	1.40	12.00
* Painted Lady. An appealing peach color with a pink blush, cameo like. Medium sized heads. Height about 2 1/2 feet.	1.80	15.00
Pantheon. A deep salmon-rose, very fragrant. 30 in.	1.40	12.00
P. D. Williams. Brilliant pink with rose center. Extra large florets. 2 1/2 feet.	1.80	15.00
Prime Minister. Extra large florets of clear white with violet eye. The best of the bi-colored whites.	1.70	14.00
* Progress. Superb light blue, set off with deeper purple blue eyes. Extremely large flower heads with 1 1/2 to 2 inch florets. Rich, dark green foliage. 2 1/2 feet.	2.10	18.00
* Purple Heart. The individual flowers are large and are carried in good size trusses. The color is a brilliant live shade of deep blue purple intensified by a darker center given sparkle by the dainty cream colored anthers.	2.40	20.00

PERENNIALS—Continued

		Per 10	Per 100
	PHLOX PANICULATA—Continued		
Rheinlander.	A beautiful salmon-pink with carmine eye. Large flower heads and a good strong stem.	\$ 1.40	\$12.00
Rosenberg.	Deep violet-cerise with slightly darker center and contrasting anthers.	1.40	12.00
* Ruby Lee.	Extra large plum-red flowers. Medium height.	2.40	20.00
* Silverton.	Florets, the size of a silver dollar are clear pale lavender with a glowing purple eye July and August. 18 to 24 inches.	1.70	14.00
Special French.	Large, blush pink with salmon eye.	1.40	12.00
Starlight.	Rich violet, with an almost perfectly shaped white star in the center.	1.80	15.00
Wm. Kesselring.	Deep plum-purple, shading to dainty lilac eye.	1.40	12.00

PHYSALIS, Chinese Lantern Plant. (RG).

Francheti.	Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft.	1.40	12.00
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PHYSOSTEGIA, False Dragon Head.

Rosy Spire.	Deep rosy-crimson color, very vivid. 3 to 3½ ft. Mid-September. Decidedly colorful.	1.40	12.00
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PLATYCODON, Balloon Flower (RG)

Blooms all summer.	12 in. Separate colors, blue and white.	1.40	12.00
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*** PLUMBAGO.**

Larpentae.	One of the most desirable border and rock plants. It is of dwarf spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during late summer and fall.	1.80	15.00
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*** POLYGONUM REYNOUTRIA**

Light green foliage, turns brilliant in fall. One of the finest ground covers. Thrives best in full sunlight; hovers 4 to 12 inches from soil. Blooms in fall; fragrant, airy pink sprays similar to Silver Lace Vine. Deep red buds, foliage brilliant red in fall. (2-in. Pots).	3.00	25.00
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PYRETHRUM, Painted Daisy (RG)

Extra select double mixed.	An attractive mixture.	1.70	14.00
Hybridum Roseum.	Abundant bloomer. Wide range of colors pure white to deep crimson. June to October. Good cut flower. Interesting foliage. 18 inch.	1.70	14.00

RUDBECKIA, Coneflower.

Hardy plants, adapted for the border. Well suited for cutting.			
Purpurea.	Reddish purple flowers with very large black cone for center. July to October. 2 ft.	1.20	10.00

SALVIA, Meadow Sage

Jurisici.	Low Rock Garden species, feathery emerald foliage, spikes of pretty violet flowers. Very long blooming season.	1.40	12.00
Pratensis Rosea.	Grows to a height of 2½ ft., producing pale, rose-colored flowers.	1.40	12.00

SEDUM, Stone Crop or Live Forever (RG)

America's Greatest Rock Plant. Thick glaucous leaves, very hardy, drought resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.			
Album.	Dwarf and spreading, thick waxy round foliage. White flowers. July. 6 inches.	1.20	10.00
Aureum.	Much used for covering graves. Foliage green, flowers bright yellow. Prostrate and slow spreading.	1.20	10.00
Lydium Glaucum.	Blush, very fine rock plant. Very odd. All summer. 6 in.	1.20	10.00
Murale.	Evergreen foliage reddish purple, white flowers with pink center, 4-8 inches.	1.20	10.00
Maximum Atropurpureum.	Of upright open growth, 18 inches. Foliage rich mahogany brown, flowers in sprays of lighter color.	1.70	14.00
Oppositifolium.	Bright green foliage with rose bloom. July. 4 in.	1.40	12.00
Sexangulare.	Yellow flowers, very dark green foliage. May-June. 4 inches.	1.20	10.00
Spectabile Brilliant.	Bright amaranth-red. Erect grower. Gray-green leaves. August and September. 18 inches.	1.70	14.00
Spectabile Rose.	Immense heads of showy rose colored flowers. Light green foliage. Late. 18 inches.	1.70	14.00
Spurium Roseum.	Purplish-red. July and August. 6 inches.	1.20	10.00
Stoloniferum.	Purplish pink. July and August. 6 inches.	1.20	10.00

PERENNIALS—Continued

SEMPERVIVUM. Houseleek. (RG)

Sometimes known as Hen and Chickens. Plants especially good for Rock Garden. Their rosette-like, thick leaves are fleshy and pointed. The small clumps slowly spread, filling pockets and crevices between the rocks.

Atroviolaceum. The largest of the entire group. Beautiful rosette of deep purplish red leaves almost 4 inches in diameter when fully grown. 8 in.—\$ 1.40 \$12.00

Bossier. Leaves are deep green tipped reddish-purple, forming a beautiful rosette, 6 inches to 8 inches in diameter when fully grown. 4 inches.——— 1.40 12.00

Rubrum. Leaves of dark green turning to red in fall. Rapid spreader.——— 1.40 12.00

STATICE, Great Sea Lavender (RG) August

Latifolia. Blue. These plants have broad leathery leaves, producing candelabra-like heads. If cut in full bloom, make very valuable winter bouquets. 18 in.——— 1.80 15.00

STOKESIA, Cornflower Aster.

Blue Moon. Large and free flowering. Perfectly hardy. Vivid, blue disc-like flowers. Blooms throughout summer and autumn. Flowers five to six inches in diameter. 12 to 18 in. tall.——— 2.10 18.00

SWEET WILLIAM (See Dianthus Barbatus)**THYMUS, Thyme (RG)**

Serpillum Coccineum. Dark red flowers, covering the plant completely. Creeping habit, hairy foliage, which is fragrant. June-July.——— 1.40 12.00

TRADESCANTIA.

Delight. Long blooming, soundly hardy perennials of much beauty. Colors include blush pink, rosy pink, mauve, white, palest azure suffusions, sky blue, indigo, violet, purple, and ruby. Heights run from 6 to 30 inches.——— 1.40 12.00

* **Purple Dome.** Vividly brilliant purple flowers which sparkle with life in sunlight. Fine grower, and it flowers freely. Considered the most spectacular one of the entire collection.——— 2.10 18.00

TRITOMA, Kniphofia, Red Hot Poker (RG)

This perennial needs winter protection in Northern latitudes. Blooms from July to October. Color ranges from Orange to deep coral. This is an outstanding perennial.

Pfitzeriana. This is the genuine Red Hot Poker. Rich, orange-scarlet blooms on stems 3 feet high. Must be grown from divisions. August to October.——— 1.40 12.00

VERONICA, Speedwell (RG).

Spicata. Violet-blue flowers, borne in masses. July and August. 18 in.——— 1.40 12.00

VIOLA, ODORATA, Sweet Violet (RG)

Fry's Fragrant. An old English strain of perpetual flowering violets. Blooms early in the spring and again in the fall. Flowers extra large, deep purple and very fragrant, excellent for forcing.——— 1.40 12.00

* **Royal Robe.** This glorious variety is a lustrous shade of deepest violet-blue. The blossoms are delicately fragrant and open out flat like a pansy or Viola. A few plants of this violet in the garden will serve to furnish quantities of bloom either during early winter or early spring.——— 2.50 20.00

SPRING BULBS

CANNAS

	Per 100	Per 1000
Our Cannas are all strong 3 and 5 eye divisions, properly matured and cured so as to give you the best possible results.	\$ 6.50	\$55.00

PINK FLOWERS WITH GREEN FOLIAGE

* **City of Portland.** The leading pink, green foliage. 4 feet tall. Large flowers of watermelon-pink conceded THE pink.

Hungaria. One of the finest pinks, green foliage. 4 ft. tall. Large heads of peach pink. Our choice of Pink Cannas.

RED FLOWERS WITH GREEN FOLIAGE

The President. 4 ft. tall. Glowing scarlet, blue-green foliage. Extra large trusses of brilliant color. The finest Red Canna of today. The foliage is entirely free from disease.

Wintzer's Colossal. 5 ft. Green foliage. Without a doubt the largest flowered Canna yet produced. Flowers of vivid scarlet. Sometimes measures eight inches across.

YELLOW FLOWERS WITH GREEN FOLIAGE

* **Apricot.** 3½ ft. tall. Green foliage with lovely heads of apricot. Without a doubt one of the grandest Cannas.

Yellow King Humbert. 5 ft. tall. Deep rich yellow, heavily spotted and flecked with deep red. Green foliage.

BRONZE FOLIAGE VARIETIES

Red King Humbert. 5 ft. tall. The grandest Canna ever offered, a king in reality. The heart-shaped leaves are purple-madder over bronze. The plants are crowned with immense heads of orchid-like velvety orange-scarlet, rose-tinted and blossoms incomparably beautiful.

Wyoming. 5 ft. Purple foliage. True-orchid flowering variety with magnificent orange colored flowers.

* Varieties Priced \$7.50 per 100; \$65.00 per 1000.

DAHLIAS

Our Dahlias are all Shenandoah Grown, good, strong, healthy tubers with good necks and crowns. Our stock is carefully handled and guaranteed true to name.

DECORATIVES

	Per 10	Per 100
Avalon. Beautiful clear yellow and the best of this color for commercial use. Fine form on long stems. Good show Dahlia.	\$ 1.80	\$15.00
Gallant Fox. A commercial red highly regarded by many growers. Medium size flowers of velvety red. Heavy stem, good keeper.	1.80	15.00
Golden Bounty. Rich lemon yellow.	1.80	15.00
Glory. Strong grower, fine stems, holds up well after they are cut. Rosy lavender pink, a real beauty.	2.10	18.00
Harvest Moon. Blends gold rose and bronze.	1.80	15.00
Lida. Large yellow. Must be seen to be appreciated.	1.80	15.00
Mrs. George LeBoutillier. Rich velvety carmine. Giant flowers on strong stems. A good bet for a leader among commercial reds.	2.10	18.00
Mrs. I. DeVer Warner. A charming deep mauve pink or orchid color.	1.80	15.00
Nathan Hale. Formal Decorative: A favorite cut flower of deep orange-bronze. Late bloomer, and needs early planting.	2.10	18.00
The Commodore. Informal Decorative: Very large bright yellow. Prolific, easily grown to 12 inches or more. Strong plants. Not a tall grower. 4 to 5 feet.	2.10	18.00

SPRING BULBS—Continued

DAHLIAS—Continued

		Per 10	Per 100
Watchung Giant. Informal Decorative: Orange. A strong sturdy variety. The Dahlia with the largest bloom. 5 to 6 feet.		\$2.50	\$20.00
Yellow Colossal. A gigantic flower, nine inches in diameter of beautiful lemon yellow. Strong stems carry the flower erect above the foliage. A remarkable show bloom.		1.80	15.00
Yellow Duke. A splendid primrose yellow of good form.		1.80	15.00
Decorative Mixed.		1.40	12.00

DAHLIAS. POM POM

Fairy. Small, violet-rose, perfectly placed on fine long stems. Very popular with Florists.		1.80	15.00
Jessica. Amber, tipped red.		1.80	15.00
Morning Mist. Profuse bloomer. 1½ to 2 inches across. White with rosy lavender center and petals slightly outlined with lavender. Stiff wiry stems ranging up to 15 inches.		1.80	15.00
Pink Rose. Strawberry Pink. Flowers 4½ to 5 inches. 4 feet.		1.80	15.00

DAHLIAS, Show

A. D. Livoni. A clear deep shell pink on a splendid stem.		1.80	15.00
Bonnie Blue. Bluish, shading to lavender. Lovely coloring.		1.80	15.00
Floral Park Jewell. Red, tipped white. A good blooming, ball dahlia.		1.80	15.00
M. D. Hallock. Bright yellow, tipped bronze.		1.80	15.00
Porthos. Formal Decorative. A thick bright red, 6 inch bloom with a tight center, making it appear as a ball dahlia. Clumps have twice as many tubers as most dahlias.		1.80	15.00
Purple Show. Deep purple.		1.80	15.00
Queen Victoria. Deep cream or soft yellow.		1.80	15.00
Robert Broomfield. Pure white. Effective in combinations.		1.80	15.00

OLD FASHIONED KITCHEN HERBS

Due to the shortage of shipping facilities, Spices and Herbs which formerly came from the Middle East, are now hard to secure. For that reason, we are offering a rather complete list of these items.

		Per 10	Per 100
Applemint (Mentha rotundifolia). The leaves are used to flavor drinks.		\$1.20	\$10.00
Chive, Wild Onion. Finely chopped leaves gives a delicious flavor to salads.		1.20	10.00
Common Thyme (Thymus Vulgaris). Dried leaves season meat dishes, gravies and dressings. Fresh leaves excellent in salad.		1.40	12.00
Horehound. A good tonic. The tea, sweetened with honey, is useful in treatment of coughs and colds. Used also in the well known horehound candy.		1.20	10.00
Horseradish. A condiment used in seasoning meats.		.40	3.00
3 inch cuttings		.80	7.00
Mother of Thyme (Thymus). Leaves used medicinally and for seasoning meat and fish sauces and stuffings.		1.20	10.00
Peppermint True (Mentha piperita). Leaves and tender tops may be infused in cooling drinks.		1.20	10.00
Sage, Old Fashioned. Used for seasoning sausages and dressing.		1.20	10.00
Spearmint (Mentha spicata). Fresh leaves used to flavor sauces and iced drinks, particularly juleps.		1.20	10.00
Spearmint, Anise-Flavored (Mentha spicata anisatus). Small green leaves with delightful anise and mint flavor for iced drinks.		1.20	10.00
Spearmint, crisp (Mentha Crispata). A dwarf mint with small pungent leaves.		1.20	10.00
Spearmint, Variegated Lemon Scented. Leaves golden variegated, very decorative, slightly lemon scented flavoring for iced drinks.		1.20	10.00

LILIES

The following lilies are all American grown, most of them are grown here at Shenandoah. Our soil seems very well adapted for the growing of this certain type of bulb. Size specified on the grade is circumference of the bulb.

	Per 10	Per 100
Regale. (Tibet). Large white flowers, suffused pink with canary-yellow throat. Very fragrant blooms in July. Planting depth 5 inches.		
4 to 5 inches-----	\$ 1.10	\$ 9.00
5 to 6 inches-----	1.40	12.00
6 to 8 inches-----	1.80	15.00
Tenuifolium (Coral Lily). Vivid scarlet, excellent rock garden variety. Blooms May-June. Planting depth 6 inches. Available late September.		
Flowering size bulbs. No. 1-----	1.40	12.00
Tiger Double. This is a full double flowering variety. Blooms slightly later than single. Planting depth is 5 inches.		
4 to 5 inches-----	1.00	8.00
5 to 6 inches-----	1.20	10.00
6 to 8 inches-----	1.50	12.00

MISCELLANEOUS BULBS

	Per 10	Per 100
CALADIUM		
Esculentum. 5 to 7 inches-----	\$ 1.00	\$ 8.00
CALLA LILY		
Elliottiana. Yellow. 1 $\frac{3}{4}$ to 2 inches-----	1.80	15.00
MADERIA VINE		
A tuberous bulb producing a multitude of viny growth, a very prolific grower.	.60	5.00
TUBEROSES (RG)		
Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-August. No. 1 size-----	.75	6.00

PACKAGED NURSERY STOCK FOR SALES YARDS, STORES, ETC.

Bulbs, in attractive boxes, are pictured and described on pages 15 and 16.

Our "Sure to Grow" Perennials, individually packaged for counter selling, are not available this Spring. We can not secure the corrugated Display Boxes.

Individually packaged Shrubs, Hedge, and Trees, for counter selling, are available for immediate shipment. Write for prices! We can not supply individually packaged Roses, except limited quantities, in light grades.

B U L B S

IN DECORATIVE BOXES

(Pictured on Next Page)

Size of Glad Box—10" x 3 "x 2" **Size of Other Boxes—9" x 4½" x 2½"**

Picture and Label in 6 lovely colors, on attractive Box in 3 colors.

DAHLIAS

3 Tubers per Box

PRICE — \$60.00 per 100 Boxes

Each Tuber is wrapped in waxed tissue and labeled.

- No. 700 AVALON—canary yellow
JERSEY BEAUTY—clear pink
CRIMSON KING—rich red
- No. 701 JANE COWL—coppery yellow
GALLANT FOX—scarlet
WHITE KING—white
- No. 702 ROSE GLORY—orchid pink
SULTAN OF HILLCREST—
yellow
RED BEAUTY—dark red
- No. 703 RUBY TAYLOR—carmine red
PINK LADY—rich pink
GOLDEN GODDESS—yellow
- No. 704 FAIRY—vivid pink Pom Pon
CATHERINE—yellow Pom Pon
BOBBY—rich red Pom Pon
- CASE No. AD—50 Boxes assorted varieties @ \$30.00 per Case.**

OTHER BULBS

3 Bulbs per Box

745 REGAL LILY

Price—\$50.00 per 100 Boxes

754 TUBEROSE

PRICE—\$30.00 per 100 Boxes

755 MADEIRA VINES

PRICE—\$30.00 per 100 Boxes

748 DOUBLE TIGER LILY

Price—\$40.00 per 100 Boxes

GLADIOLUS

10 No. 1 Bulbs per Box

Price—\$55.00 per 100 Boxes

- No. 715 MIXED COLORS
No. 716 RED DRAGON—dark red
No. 717 RED PHIPPS—bright red
No. 718 GOLDEN CHIMES—yellow
No. 719 PEGGY LOU—pink
No. 720 MINUET—lavender
No. 721 SHIRLEY TEMPLE—white
CASE NO. AG—50 Boxes Assorted Gladiolus @ 27.50 per Case.

CANNAS

3 Roots per Box

Price—\$30.00 per 100 Boxes

Each Root is wrapped in waxed tissue

- No. 735 PRESIDENT CANNA—red
No. 736 KING HUMBERT—red
No. 737 CITY OF PORTLAND—pink
No. 738 RICHARD WALLACE—yellow
No. 739 APRICOT QUEEN—apricot
orange
No. 740 MME. CROZY—red edged yellow
CASE NO AC—50 Boxes Assorted Varieties @ \$15.00 per Case

HOW TO ORDER

Order each group in multiples of 50 Boxes—i.e., 50 Boxes of Dahlias, 50 Boxes of Gladiolus, etc. Individual numbers should be ordered in multiples of 10—i.e., 10 No. 700, or 20 No. 702, etc. For an assortment of the best selling numbers in Dahlias, Cannas, or Glads, order the Assorted Cases offered above. Specify Express shipment as L.C.L., and Truck freight are slow and uncertain.

50 Boxes in same Group, sold at 100 Price. Terms—regular.



Terms and Conditions of Sale

TERMS—1% Discount for cash if paid on or before 10th of month following date of invoice, and is due NET 30 days thereafter. Interest charged on past due accounts..

These terms are offered to those with established credit; otherwise cash, security, or satisfactory references. C. O. D. orders must be accompanied by one-fourth cash.

PRICES named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities.:

FRUIT TREES, SHADE TREES, SHRUBS, ROSES, VINES, PERENNIALS (INCLUDING PEONIES AND LILIES):

300 or more at 1,000 rate (where published)

30 to 300 at 100 rate

Under 30 at 10 rate

All grades and varieties in any one class allowed to make total. For example:
All Fruit Trees are considered one class, all shrubs one class, etc.

SMALL FRUITS, HEDGING, PRIVET, AND ALL SEEDLINGS:

300 of same variety and grade at 1,000 rate.

Under 300 of same variety and grade at 100 rate

EVERGREENS, B & B

30 trees (any assortment) at 100 rate

5 trees (any assortment) at 10 rate

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) at 1,000 rate

Under 300 bulbs at 100 rate

Note:—Classifications as given above are understood to be as listed under general headings in price list. (Broken lots of less than 10 of any one variety and grade will be billed at 20% above 10 rate.)

BROKEN LOTS—The Wholesale Prices in this list apply for wholesale quantities. Please order in such multiples as to avoid breaking bundles.

ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.

SHIPPING—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. All goods travel at the purchaser's risk and expense.

TRUCK SERVICE—We are able to offer truck service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

CAUTION—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control. All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

GUARANTEE OF GENUINENESS—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

Claims for any cause must be made promptly on receipt of stock. We will not entertain claims after goods have been once accepted, or when report is not made within Ten Days after arrival of stock. We express or imply no warranty as to the productiveness or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

SPECIAL NOTICE—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.

APRIL 12, 1947

MOUNT ARBOR NURSERIES

E. S. WELCH, Pres.

H. S. WELCH, Vice-Pres.

R. M. GWYNN, Secy-Treas.

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